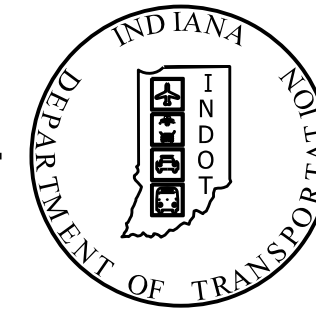


| | |
|----------|-------------|
| PROJECT | DESIGNATION |
| 1801933 | 1801933 |
| CONTRACT | BRIDGE FILE |
| B-41845 | N/A |

INDIANA DEPARTMENT OF TRANSPORTATION



ROAD PLANS

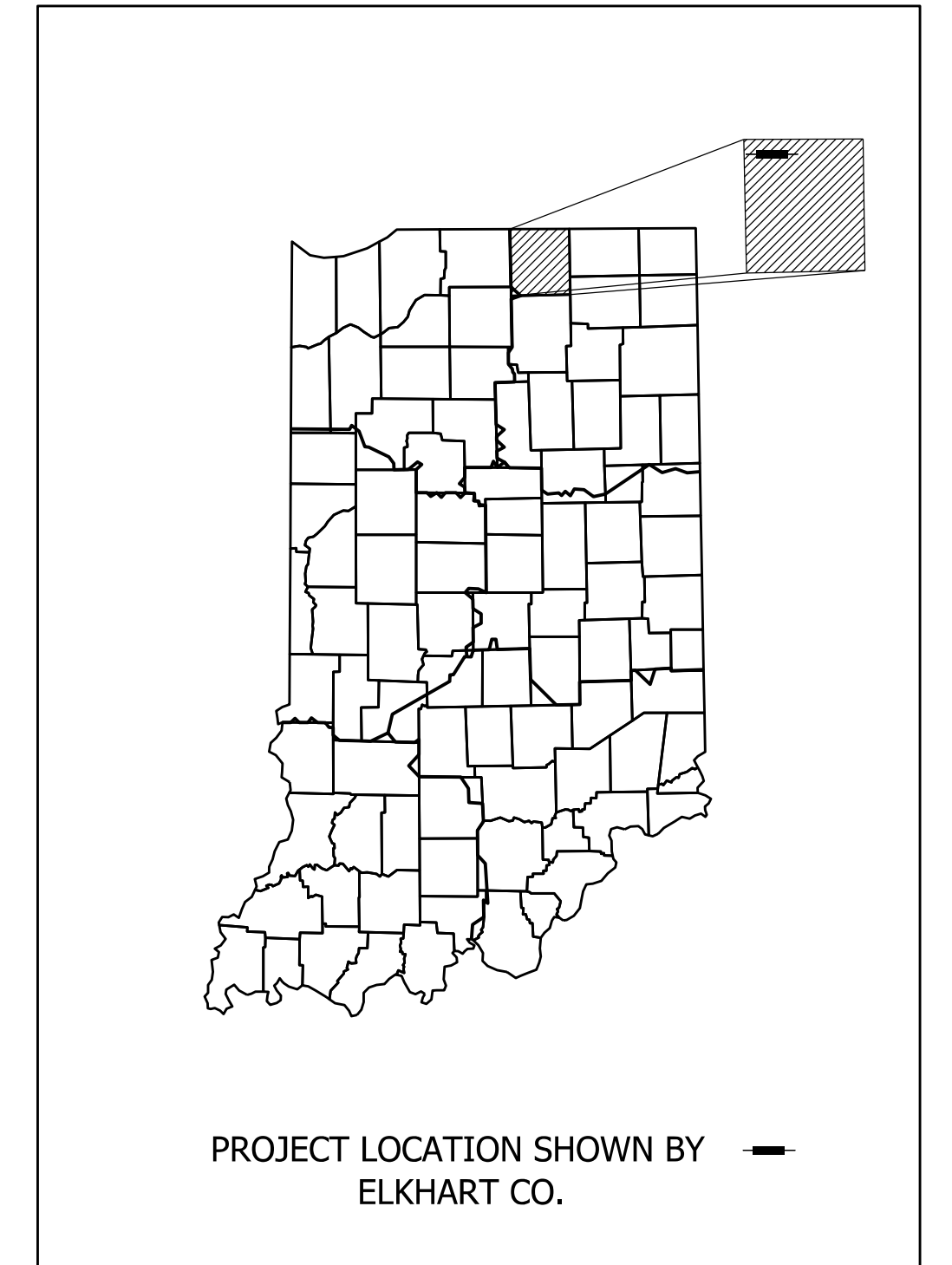
ROUTE: HIVELY AVENUE

PROJECT NO. 1801933 P.E.
PROJECT NO. 1801933 R/W
PROJECT NO. 1801933 CONST.

ROADWAY RECONSTRUCTION BEGINNING AT 0.24 MILES WEST OF MAIN STREET EXTENDING EAST TO 0.29 MILES EAST OF MAIN STREET. SECTIONS 15 & 16, T-37-N, R-5-E, IN THE CITY OF ELKHART IN CONCORD TOWNSHIP OF ELKHART COUNTY, INDIANA

| TRAFFIC DATA | | HIVELY AVE. | |
|---------------------------|------------------------------|---------------|--|
| A.A.D.T. (2022) | 7,000 | V.P.D. | |
| A.A.D.T. (2042) | 8,400 | V.P.D. | |
| D.H.V. (2033) | 5,404 | V.P.H. | |
| DIRECTIONAL DISTRIBUTION | | 50 % | |
| TRUCKS | | 10 % A.A.D.T. | |
| | | 10 % D.H.V. | |
| DESIGN DATA | | | |
| DESIGN SPEED | 45 M.P.H. | | |
| PROJECT DESIGN CRITERIA | RECONSTRUCTION (NON-FREEWAY) | | |
| FUNCTIONAL CLASSIFICATION | PRINCIPAL ARTERIAL | | |
| RURAL/URBAN | URBAN (INTERMEDIATE) | | |
| TERRAIN | LEVEL | | |
| ACCESS CONTROL | PARTIAL | | |

SEE SHEET 2 FOR ADDITIONAL TRAFFIC DATA/DESIGN DATA



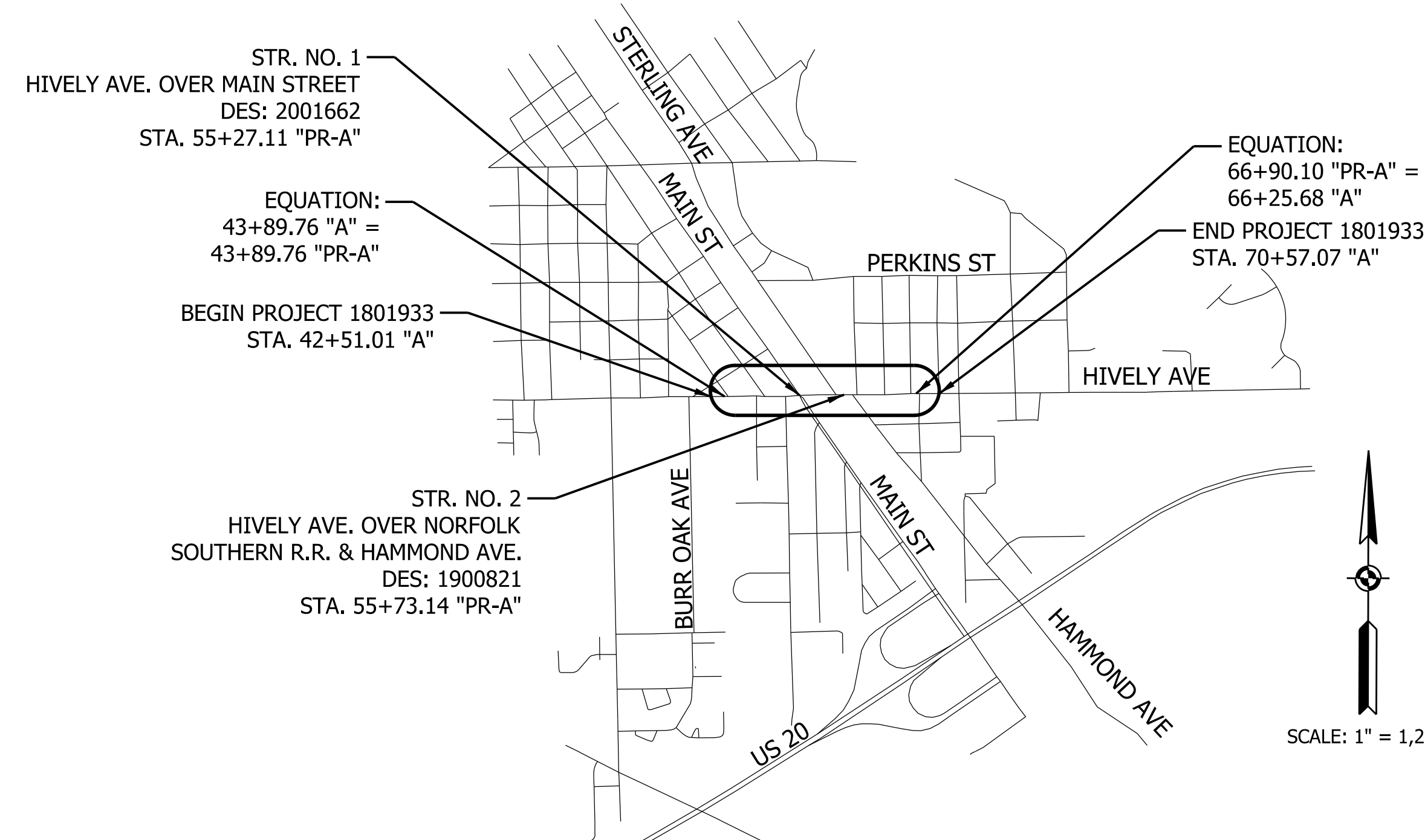
LATITUDE: 41° 39' 34" N LONGITUDE: 85° 56' 48" W

| | | |
|-----------------|-------|------|
| Bridge Length: | 0.076 | Mile |
| Roadway Length: | 0.455 | Mile |
| Total Length: | 0.531 | Mile |
| Maximum Grade: | 5.76 | % |

HUC: 040500012100

| PAVING EXCEPTIONS | |
|-------------------|-----------------|
| BEGIN | END |
| 54+52.56 "PR-A" | 55+98.92 "PR-A" |
| 57+15.58 "PR-A" | 60+28.04 "PR-A" |

INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2020
TO BE USED WITH THESE PLANS



| KIN PROJECT INFORMATION | |
|-------------------------|---|
| DESIGNATION | PROJECT DESCRIPTION |
| 1801933 | HIVELY AVE. ROAD RECONSTRUCTION (LEAD) |
| 2001662 | HIVELY AVE. OVER MAIN STREET NEW BRIDGE CONSTRUCTION |
| 1900821 | HIVELY AVE. OVER NORFOLK SOUTHERN R.R. & HAMMOND AVE. NEW BRIDGE CONSTRUCTION |

October 23, 2020
STAGE 2 SUBMITTAL

Burgess & Niple
251 N. Illinois St.
Capitol Center Suite 920
Indianapolis, IN 46204
Tel: 317-237-2760 Fax: 317-237-2755
www.burgessniple.com

PLANS PREPARED BY: Burgess & Niple 317-237-2760 PHONE NUMBER

CERTIFIED BY: _____ 04/01/2015 DATE

APPROVED FOR LETTING: _____ INDIANA DEPARTMENT OF TRANSPORTATION DATE

| | |
|-------------|----------|
| BRIDGE FILE | |
| N/A | |
| DESIGNATION | |
| 1801933 | |
| SHEETS | |
| SURVEY BOOK | 1 of 151 |
| CONTRACT | PROJECT |
| B-41845 | 1801933 |

UTILITIES

| | | |
|---|---|---|
| <p>AEP (Indiana-Michigan Power) (Distribution) Joshua Adams 7775 Walton Pkwy. New Albany, OH 43054 614-933-2297 tl_publicprojects@aep.com</p> | <p>INDIANA FIBER NETWORK Keith Hamm 5520 W 76th St. Indianapolis, IN 46268 317-777-7583 khamm@ifncom.net</p> | <p>JOB 8 LLC David Barksdale 800 Woodlands Pkwy. Suite 118 Ridgeland, MS 39157 601-956-0861 david@barksdale.ms</p> |
| <p>AT&T Ken Colwell 222 W. Jackson Woodstock, IL 60098 312-734-2223 kc1298@att.com</p> | <p>CENTURYLINK John Unverferth 419-226-6342 john.c.unverferth@centurylink.com</p> | <p>FRONTIER COMMUNICATIONS Joe Sarll 8001 West Jefferson Blvd. Fort Wayne, IN 46804 260-461-3324 utilitycordreq@ftr.com</p> |
| <p>COMCAST Will Morris 317-275-6443 william_morris@comcast.com</p> | <p>INTELLIGENT FIBER NETWORK Shawn Wright 5520 W. 76th St. Indianapolis, IN 46268 317-777-7119 swright@intelligentfiber.com</p> | <p>MCI COMMUNICATIONS Ron Kocienski 720 West Henry St. Indianapolis, IN 46225 518-424-3950 ronald.kocienski@verizon.com</p> |
| <p>CITY OF ELKHART (Water) Kara Young 1201 S. Nappanee St. Elkhart, IN 46516 574-293-2572 kara.young@coel.org</p> | <p>ELKHART COUNTY HIGHWAY DEPT. (Fiber) Kent Schumacher 610 Steury Ave. Goshen, IN 46526 574-534-9394 kschumacher@elkcohwyo.org</p> | <p>NIPSCO (Gas) Dean Garrett 801 E. 86th St. Merrillville, IN 46410 219-647-6260 DAGarrett@NISource.com</p> |
| <p>CITY OF ELKHART (Sanitary and Storm Sewer) Tory Irwin 1201 S. Nappanee St. Elkhart, IN 46516 574-293-2572 tory.irwin@coel.org</p> | <p>INTERCARRIER NETWORKS Communications Steve Schiller 314-363-5416 schiller@intercarnetwork.com</p> | <p>RVP Fiber Company LLC Ryan Miedema 201 Iona Ave SW Grand Rapids, MI 46701 616-223-7144 rjmiedema@ussignal.com</p> |
| <p>WINDSTREAM Mark Mills 5020 Smythe Dr. Evansville, IN 47715 217-876-7194 mark.mills@windstream.com</p> | <p>ZAYO BANDWIDTH Waylon Higgins 9209 Castlegate Dr. Indianapolis, IN 46256 765-341-1199 waylon.higgins@zayo.com</p> | |

GENERAL NOTES

| | |
|----|---|
| ** | ALL EARTH SHOULDERS AND CUT AND FILL SLOPES SHALL BE PLAIN OR MULCH SEEDED EXCEPT WHERE OTHERWISE SPECIFIED. |
| ** | THE PLANS SHOW SOME OF THE UTILITIES LOCATED WITHIN THE LIMITS OF THE CONTRACT ACCORDING TO INFORMATION OBTAINED FROM THE VARIOUS UTILITY COMPANIES. THE ACCURACY OF THE PLANS IN THIS RESPECT IS NOT GUARANTEED BY BURGESS & NIPLE, INC. |
| ** | IF EXISTING TILE DRAINS ARE ENCOUNTERED, DRAINAGE SHALL BE PERPETUATED. IF TILES ARE FOUND TO DRAIN WASTE, DRAINAGE MUST BE PERPETUATED TO THE EXISTING OUTFALL LOCATION AND SHALL NOT DISCHARGE INTO ROADSIDE DITCHES. |
| | THE FINAL CROSS SECTIONS OF THE GRADING CONTRACT WILL BE THE ORIGINAL CROSS SECTIONS OF THE PAVING CONTRACT. HOWEVER, PARTIAL OR COMPLETE CROSS SECTIONS SHALL BE TAKEN IF NECESSARY TO DETERMINE THE ACTUAL EXCAVATION QUANTITIES. |

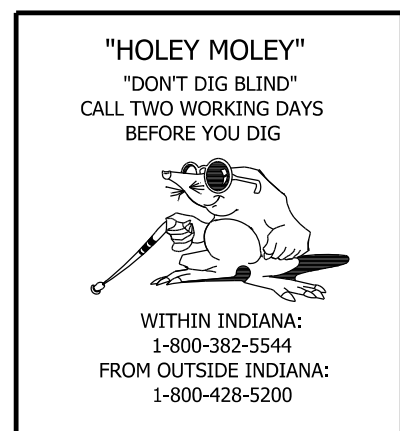
** REPRESENTS GENERAL NOTES REQUIRED.

DRAWING INDEX

| SHEET NO. | SHEET DESIGNATION |
|-----------|-----------------------------------|
| 1 | TITLE SHEET |
| 2 | INDEX AND GENERAL NOTES |
| 3 | CONTROL POINTS AND REFERENCE TIES |
| 4-8 | TYPICAL SECTIONS |
| 9-11 | PLAT NO. 1 |
| 12-22 | MAINTENANCE OF TRAFFIC |
| 23-25 | REMOVAL SHEETS |
| 26-53 | PLAN SHEETS & PROFILE SHEETS |
| 54-56 | SUPERELEVATION DIAGRAMS |
| 57-59 | APPROACH DETAIL SHEETS |
| 60 | MISCELLANEOUS DETAILS |
| 61-63 | SIGNAL DETAILS |
| 64-75 | LIGHTING PLAN |
| 76-88 | PAVEMENT MARKING PLAN |
| 89 | APPROACH TABLE |
| 90-93 | STRUCTURE DATA TABLES |
| 94-151 | CROSS SECTIONS |

REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
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| TRAFFIC DATA | MAIN STREET | TRAFFIC DATA | ROOSEVELT AVENUE | TRAFFIC DATA | HAMMOND/STERLING AVENUE | TRAFFIC DATA | WARREN STREET |
|---------------------------|------------------------------|---------------------------|------------------------------|---------------------------|------------------------------|---------------------------|------------------------------|
| A.A.D.T. (2022 PROJECTED) | 14,640 VPD | A.A.D.T. (2022 PROJECTED) | 340 VPD | A.A.D.T. (2022 PROJECTED) | 3,610 VPD | A.A.D.T. (2022 PROJECTED) | 110 VPD |
| A.A.D.T. (2042 PROJECTED) | 17,570 VPD | A.A.D.T. (2042 PROJECTED) | 1,170 VPD | A.A.D.T. (2042 PROJECTED) | 4,340 VPD | A.A.D.T. (2042 PROJECTED) | 2,040 VPD |
| D.H.V. | 1,700 VPH | D.H.V. | 190 VPH | D.H.V. | 440 VPH | D.H.V. | 210 VPH |
| DIRECTIONAL DISTRIBUTION | 50% AADT | DIRECTIONAL DISTRIBUTION | 53% AADT | DIRECTIONAL DISTRIBUTION | 52% AADT | DIRECTIONAL DISTRIBUTION | 54% AADT |
| TRUCKS | 3.00% AADT | TRUCKS | N/A DHV | TRUCKS | 3.00% DHV | TRUCKS | N/A DHV |
| DESIGN DATA | MAIN STREET | DESIGN DATA | ROOSEVELT AVENUE | DESIGN DATA | HAMMOND/STERLING AVENUE | DESIGN DATA | WARREN STREET |
| DESIGN SPEED | 40 MPH | DESIGN SPEED | 20 MPH | DESIGN SPEED | 35 MPH | DESIGN SPEED | 30 MPH |
| PROJECT DESIGN CRITERIA | 3R (NON-FREEWAY) | PROJECT DESIGN CRITERIA | RECONSTRUCTION (NON-FREEWAY) | PROJECT DESIGN CRITERIA | RECONSTRUCTION (NON-FREEWAY) | PROJECT DESIGN CRITERIA | RECONSTRUCTION (NON-FREEWAY) |
| FUNCTIONAL CLASSIFICATION | MINOR ARTERIAL | FUNCTIONAL CLASSIFICATION | LOCAL STREET | FUNCTIONAL CLASSIFICATION | LOCAL AGENCY COLLECTOR | FUNCTIONAL CLASSIFICATION | LOCAL STREET |
| RURAL/URBAN | URBAN (INTERMEDIATE) | RURAL/URBAN | URBAN (INTERMEDIATE) | RURAL/URBAN | URBAN (INTERMEDIATE) | RURAL/URBAN | URBAN (INTERMEDIATE) |
| TERRAIN | LEVEL | TERRAIN | LEVEL | TERRAIN | LEVEL | TERRAIN | LEVEL |
| ACCESS CONTROL | NONE | ACCESS CONTROL | NONE | ACCESS CONTROL | NONE | ACCESS CONTROL | NONE |
| TRAFFIC DATA | MONGER AVENUE | TRAFFIC DATA | ROOSEVELT AVENUE | TRAFFIC DATA | LOWELL AVENUE | TRAFFIC DATA | MORTON AVENUE |
| A.A.D.T. (2022 PROJECTED) | 270 VPD | A.A.D.T. (2022 PROJECTED) | N/A VPD | A.A.D.T. (2022 PROJECTED) | 120 VPD | A.A.D.T. (2022 PROJECTED) | 600 VPD |
| A.A.D.T. (2042 PROJECTED) | 870 VPD | A.A.D.T. (2042 PROJECTED) | 8,490 VPD | A.A.D.T. (2042 PROJECTED) | 120 VPD | A.A.D.T. (2042 PROJECTED) | 600 VPD |
| D.H.V. | 120 VPH | D.H.V. | 780 VPH | D.H.V. | 10 VPH | D.H.V. | 120 VPH |
| DIRECTIONAL DISTRIBUTION | 62% AADT | DIRECTIONAL DISTRIBUTION | 55% AADT | DIRECTIONAL DISTRIBUTION | 100% AADT | DIRECTIONAL DISTRIBUTION | 52% AADT |
| TRUCKS | 2.50% DHV | TRUCKS | 2.50% DHV | TRUCKS | N/A DHV | TRUCKS | N/A DHV |
| DESIGN DATA | MONGER AVENUE | DESIGN DATA | ROOSEVELT AVENUE | DESIGN DATA | LOWELL AVENUE | DESIGN DATA | MORTON AVENUE |
| DESIGN SPEED | 20 MPH | DESIGN SPEED | 30 MPH | DESIGN SPEED | 25 MPH | DESIGN SPEED | 25 MPH |
| PROJECT DESIGN CRITERIA | RECONSTRUCTION (NON-FREEWAY) | PROJECT DESIGN CRITERIA | RECONSTRUCTION (NON-FREEWAY) | PROJECT DESIGN CRITERIA | RECONSTRUCTION (NON-FREEWAY) | PROJECT DESIGN CRITERIA | RECONSTRUCTION (NON-FREEWAY) |
| FUNCTIONAL CLASSIFICATION | LOCAL STREET | FUNCTIONAL CLASSIFICATION | MINOR ARTERIAL | FUNCTIONAL CLASSIFICATION | LOCAL STREET | FUNCTIONAL CLASSIFICATION | LOCAL STREET |
| RURAL/URBAN | URBAN (INTERMEDIATE) | RURAL/URBAN | URBAN (INTERMEDIATE) | RURAL/URBAN | URBAN (INTERMEDIATE) | RURAL/URBAN | URBAN (INTERMEDIATE) |
| TERRAIN | LEVEL | TERRAIN | LEVEL | TERRAIN | LEVEL | TERRAIN | LEVEL |
| ACCESS CONTROL | NONE | ACCESS CONTROL | NONE | ACCESS CONTROL | NONE | ACCESS CONTROL | NONE |

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____

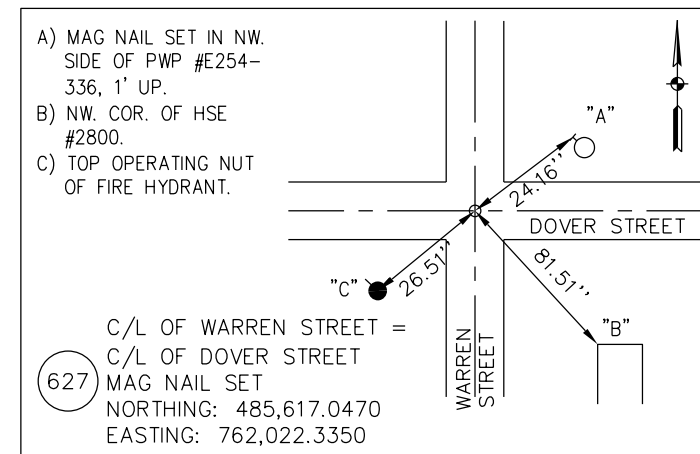
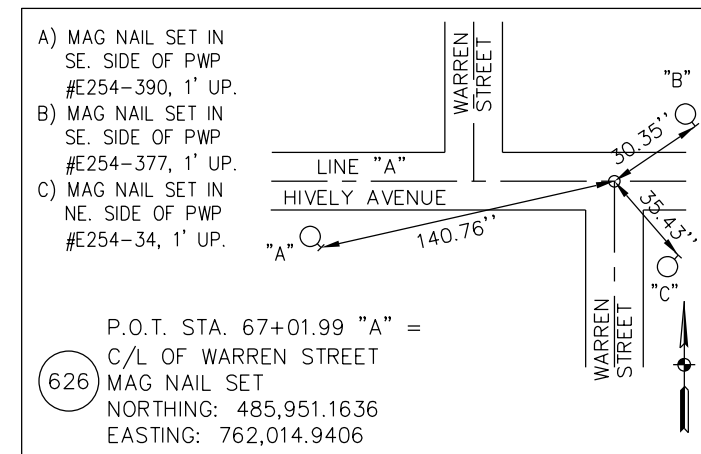
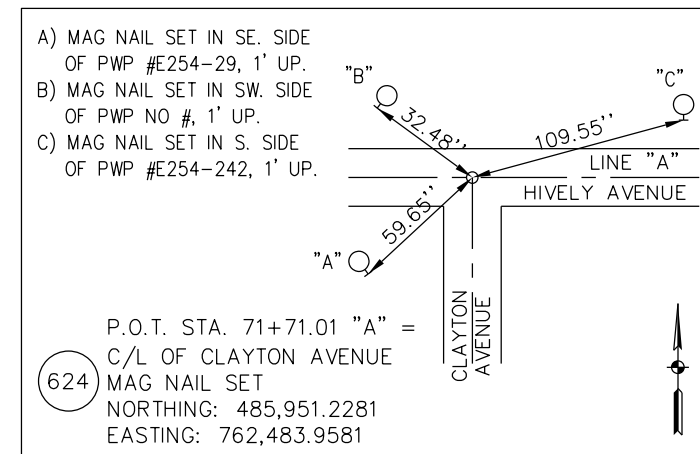
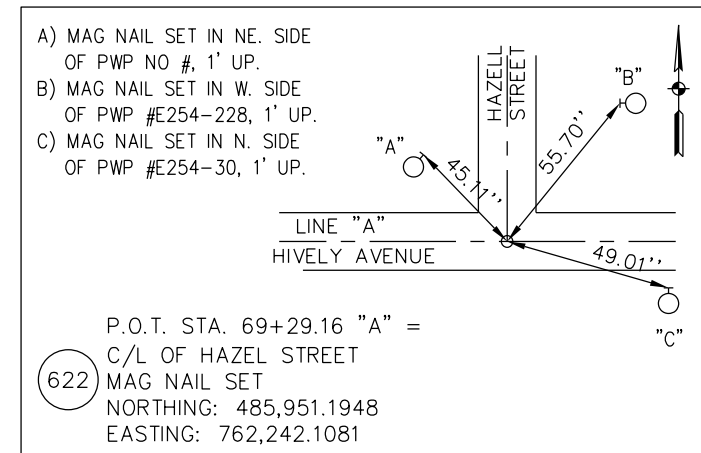
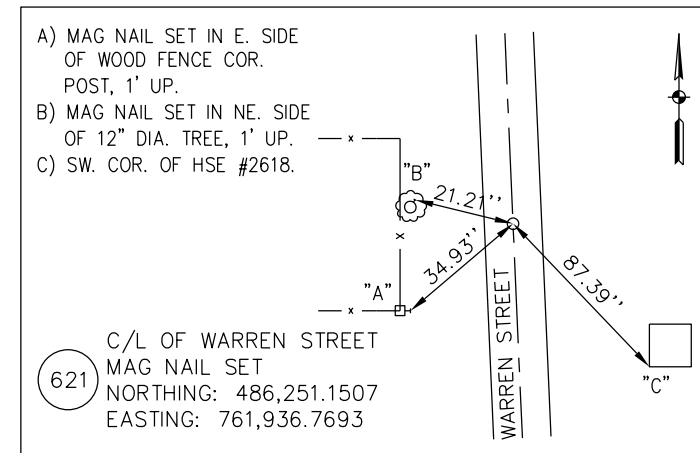
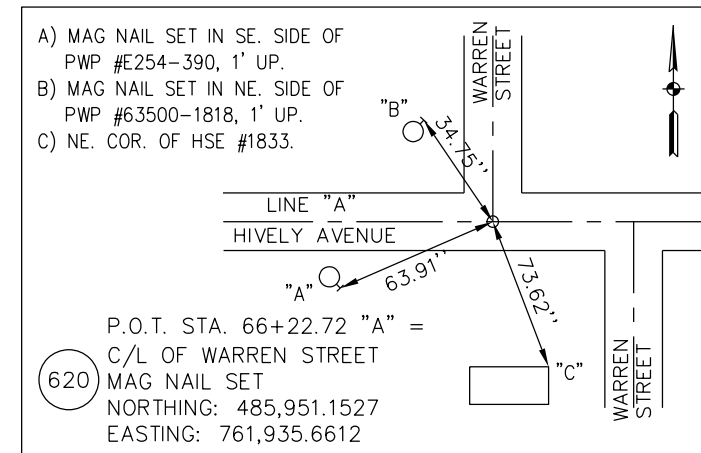
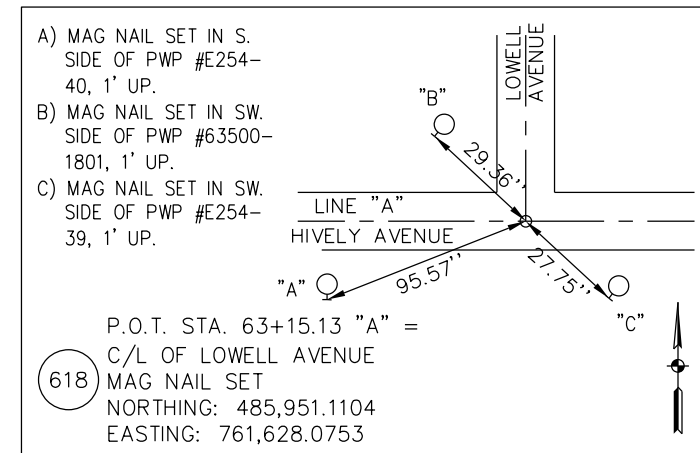
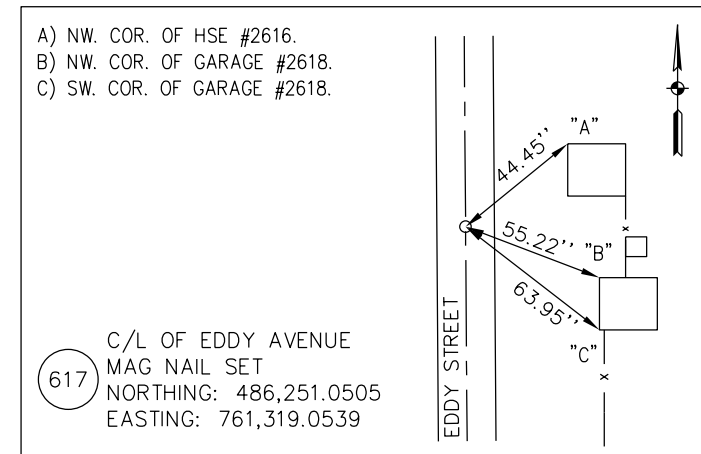
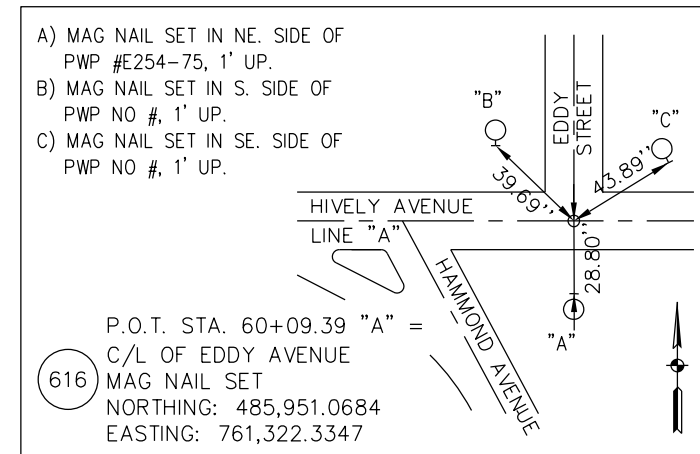
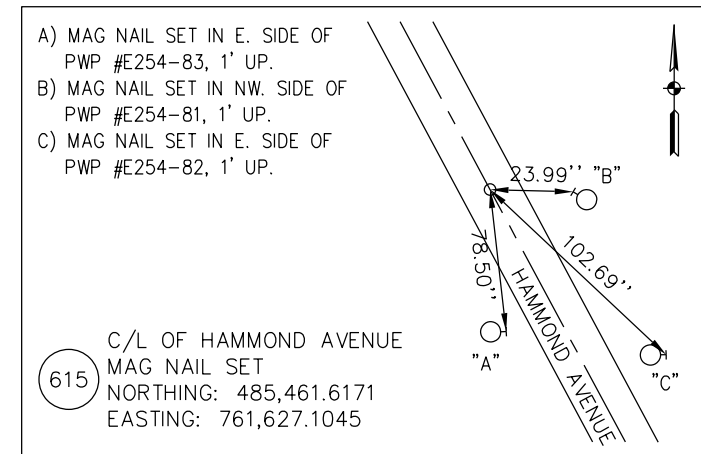
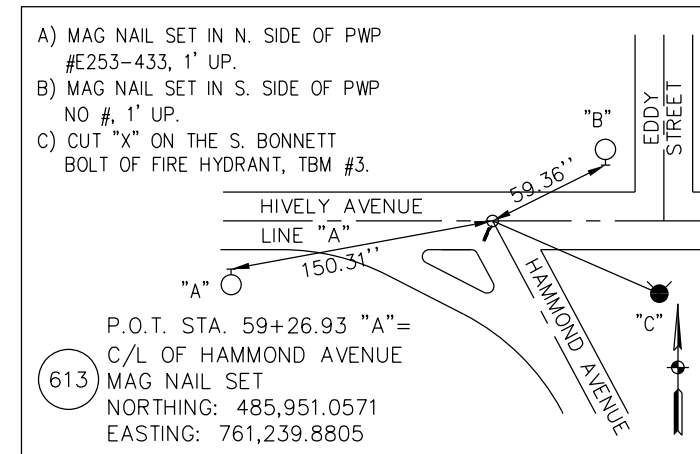
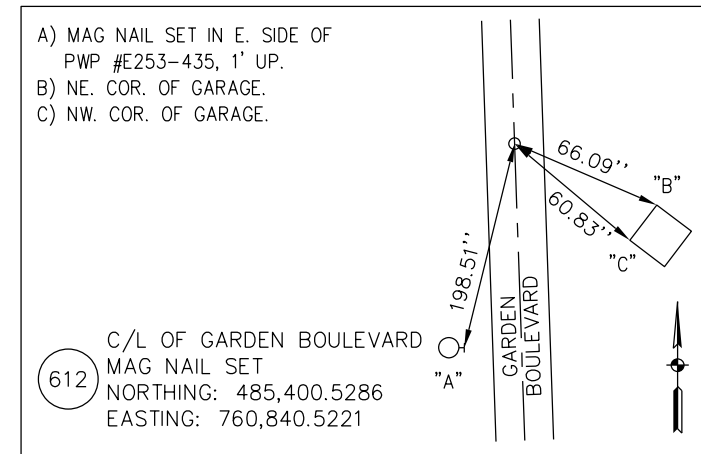
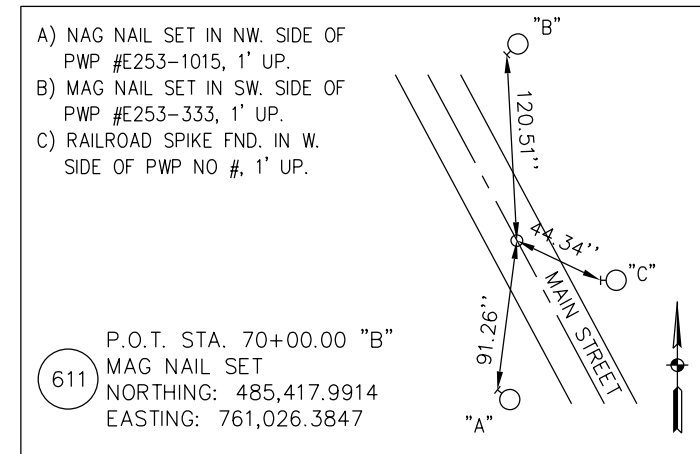
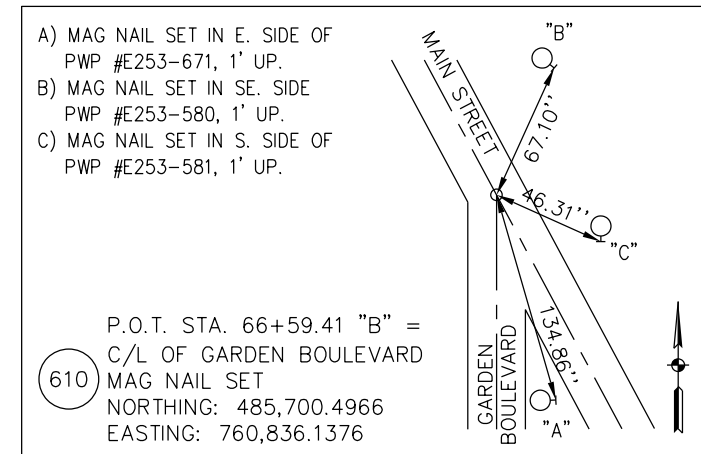
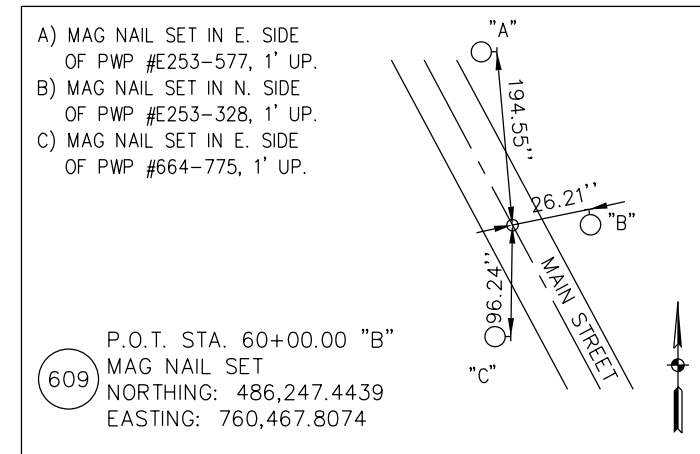
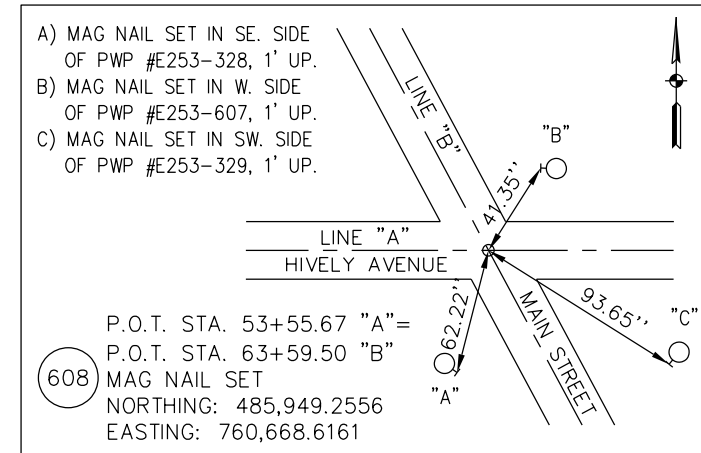
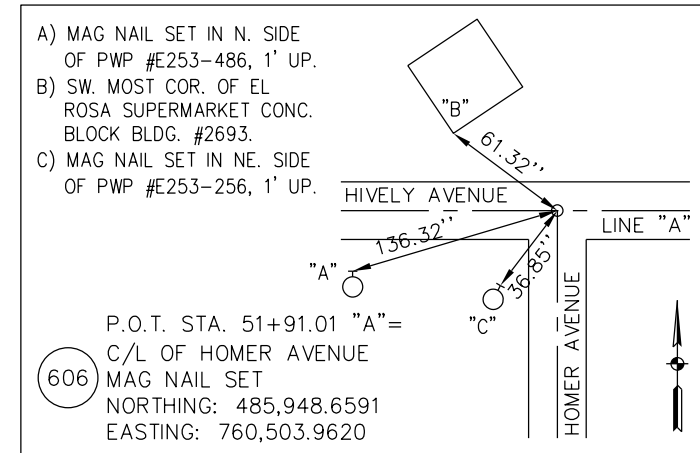
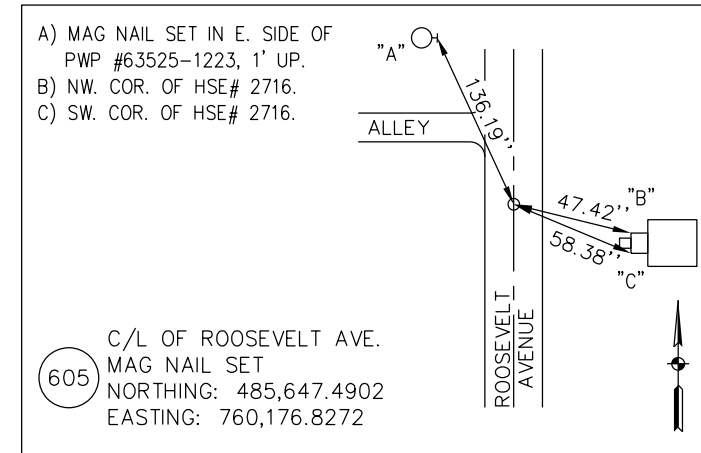
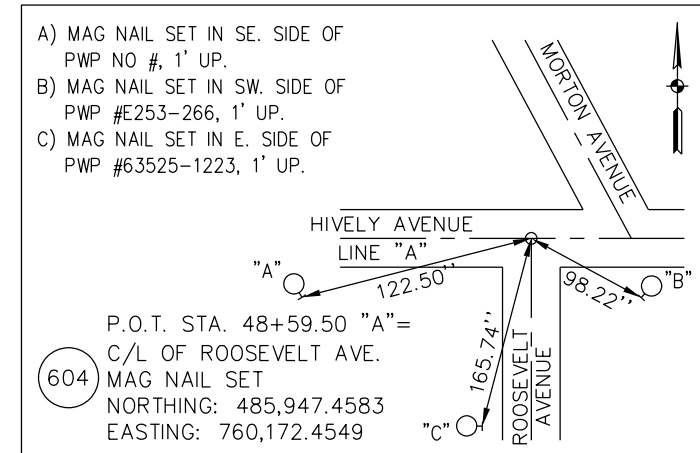
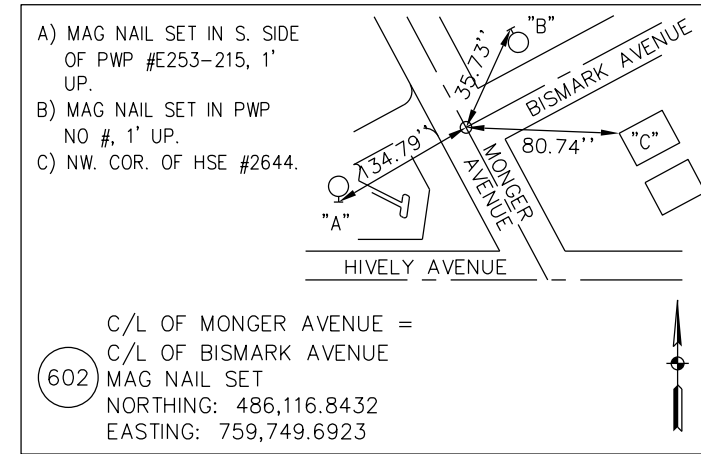
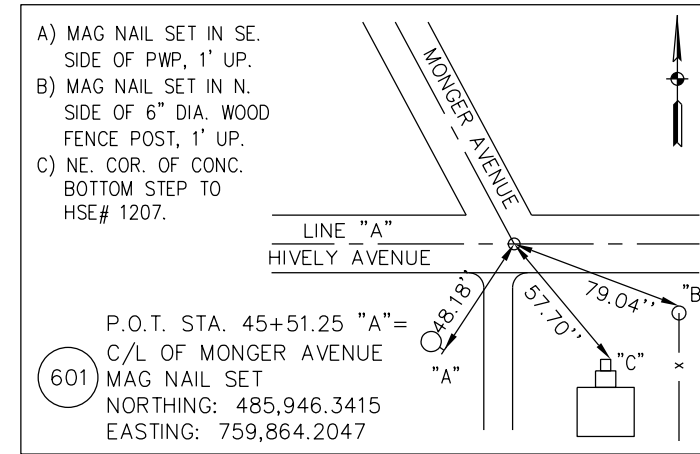
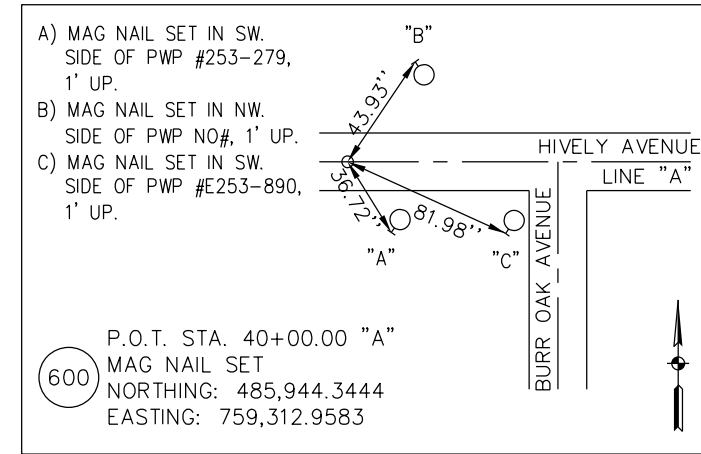
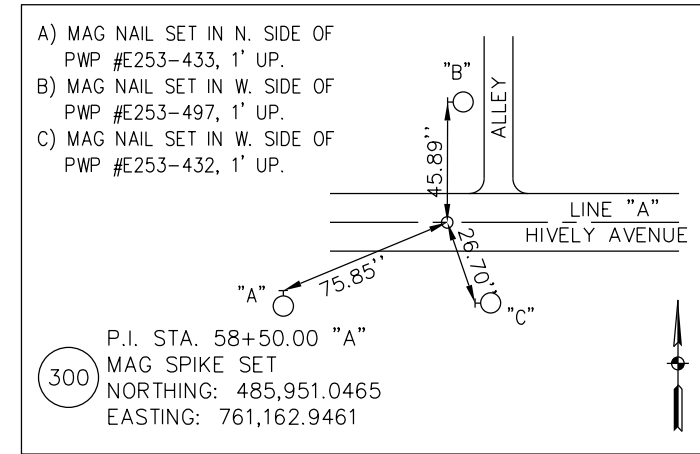
DESIGNED: _____ MJS _____ DRAWN: _____ MJS _____

CHECKED: _____ JMM _____ CHECKED: _____ JMM _____

INDIANA DEPARTMENT OF TRANSPORTATION

INDEX & GENERAL NOTES

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| N/A | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1801933 |
| SURVEY BOOK | SHEETS |
| N/A | 2 of 151 |
| CONTRACT | PROJECT |
| B-41845 | 1801933 |

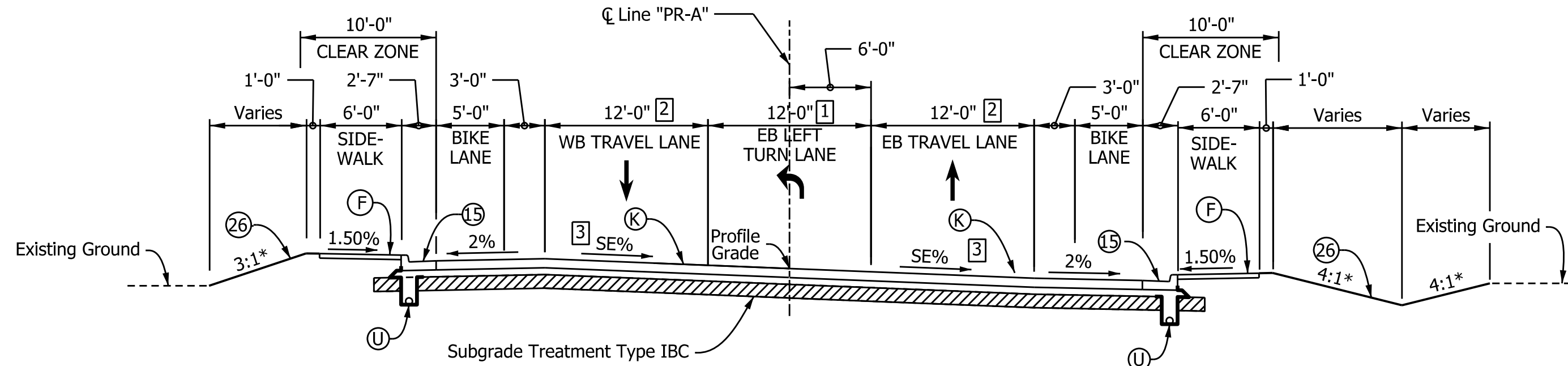


| | | |
|--------------------------|-----------------|------|
| RECOMMENDED FOR APPROVAL | DESIGN ENGINEER | DATE |
| DESIGNED: MJS | DRAWN: MJS | |
| CHECKED: JMM | CHECKED: JMM | |

INDIANA DEPARTMENT OF TRANSPORTATION

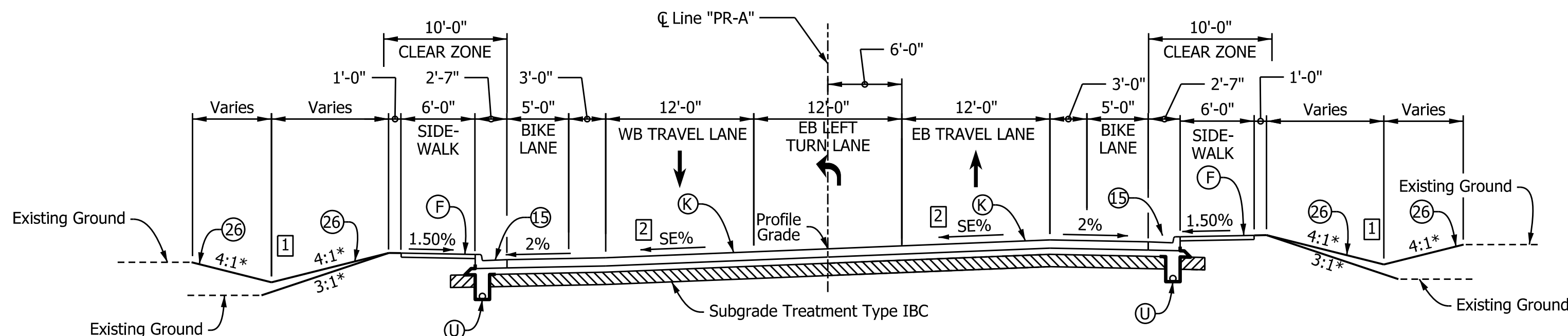
CONTROL POINTS & REFERENCE TIES

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| N/A | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1801933 |
| SURVEY BOOK | SHEETS |
| N/A | 3 of 151 |
| CONTRACT | PROJECT |
| B-41845 | 1801933 |



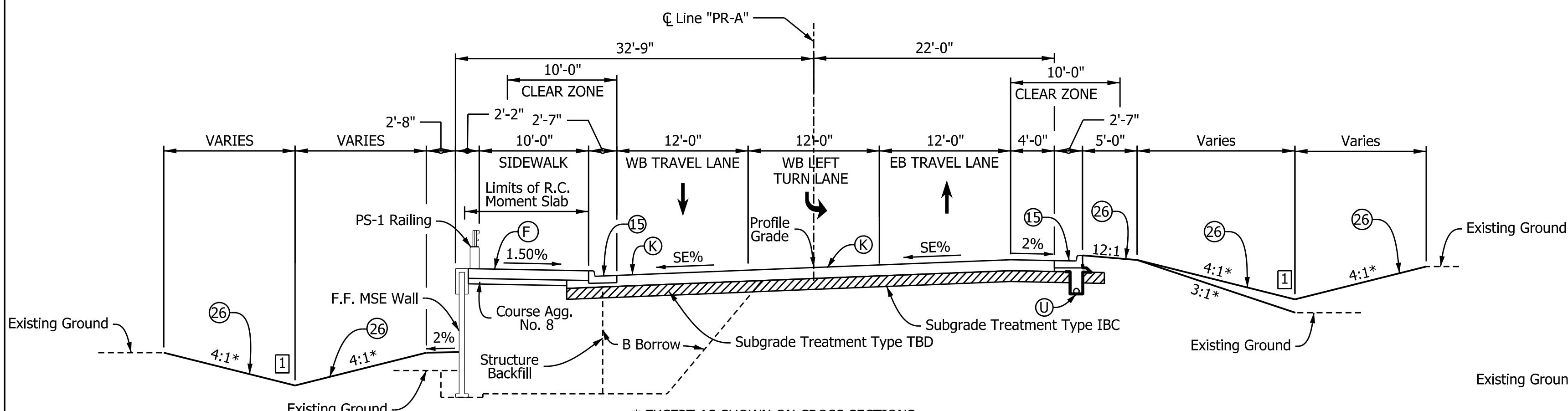
- * EXCEPT AS SHOWN ON CROSS SECTIONS
- 1 TRANSITIONS FROM 11'-0" AT STA. 42+93.14 "PR-A" TO 12'-0" AT STA. 43+68.79 "PR-A"
 - 2 10'-6" FROM STA. 42+51.01 "PR-A" TO STA. 42+93.14 "PR-A"
TRANSITIONS FROM 10'-6" AT STA. 42+93.14 "PR-A" TO 12'-0" AT STA. 43+60.80 "PR-A" LT.
TRANSITIONS FROM 10'-6" AT STA. 42+93.14 "PR-A" TO 12'-0" AT STA. 43+68.79 "PR-A" RT.
 - 3 SE TRANSITION FROM STA. 42+51.01 "PR-A" TO STA. 44+17.51 "PR-A" LT.
SE TRANSITION FROM STA. 43+62.01 "PR-A" TO STA. 44+17.51 "PR-A" RT.

TYPICAL SECTION - HIVELY AVENUE
STA. 42+51.01 "PR-A" TO STA. 48+02.23 "PR-A"



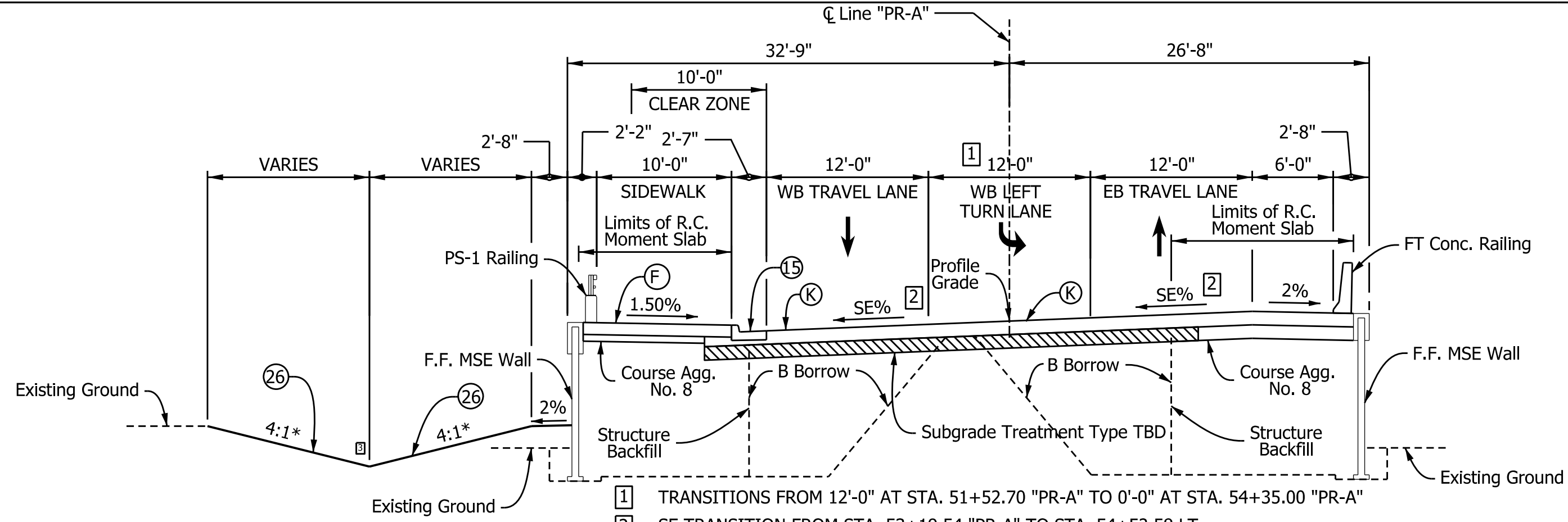
- * EXCEPT AS SHOWN ON CROSS SECTIONS
- 1 CONSTRUCT V-BOTTOM DITCH FROM STA. 50+10.00 LT. TO STA. 50+50.00 LT.
CONSTRUCT V-BOTTOM DITCH FROM STA. 48+02.23 RT. TO STA. 48+20.00 RT.
 - 2 SE TRANSITION FROM STA. 48+02.23 "PR-A" TO STA. 48+57.73 "PR-A" LT. & RT.

TYPICAL SECTION - HIVELY AVENUE
STA. 48+02.23 "PR-A" TO STA. 50+50.00 "PR-A"



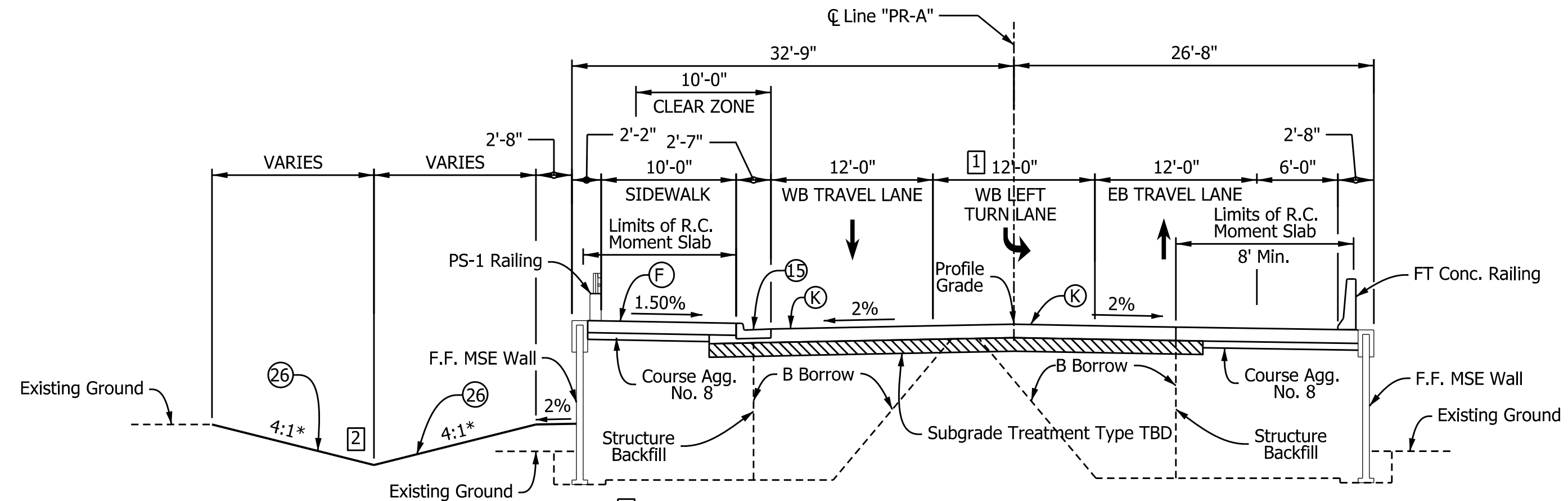
- * EXCEPT AS SHOWN ON CROSS SECTIONS
- 1 CONSTRUCT V-BOTTOM DITCH FROM STA. 50+50.00 LT. TO STA. 51+50.00 LT.
CONSTRUCT V-BOTTOM DITCH FROM STA. 50+50.00 RT. TO STA. 51+40.00 RT.

TYPICAL SECTION - HIVELY AVENUE
STA. 50+50.00 "PR-A" TO STA. 51+50.00 "PR-A"



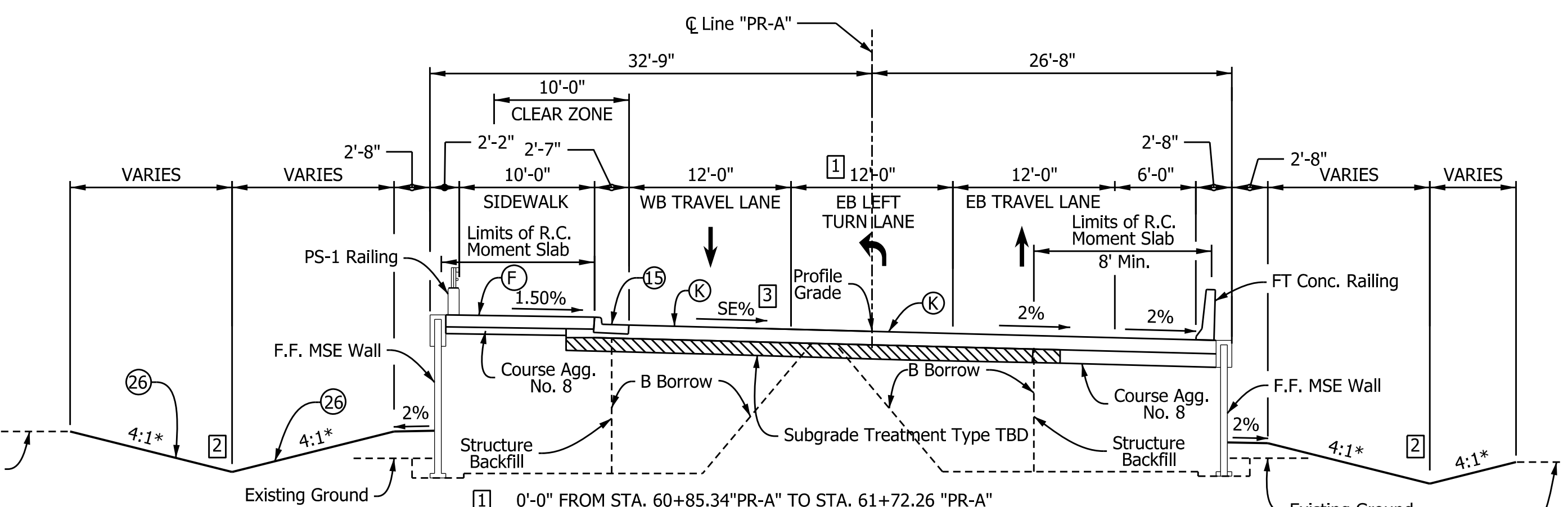
- * EXCEPT AS SHOWN ON CROSS SECTIONS
- 1 TRANSITIONS FROM 12'-0" AT STA. 51+52.70 "PR-A" TO 0'-0" AT STA. 54+35.00 "PR-A"
 - 2 SE TRANSITION FROM STA. 53+19.54 "PR-A" TO STA. 54+52.58 LT.
SE TRANSITION FROM STA. 53+19.54 "PR-A" TO STA. 53+75.04 RT.
 - 3 CONSTRUCT V-BOTTOM DITCH FROM STA. 51+50.00 LT. TO STA. 52+90.00 LT.
PAVING EXCEPTION FROM STA. 54+52.56 "PR-A" TO STA. 55+98.92 "PR-A"

TYPICAL SECTION - HIVELY AVENUE
STA. 51+50.00 "PR-A" TO STA. 54+52.56 "PR-A"



- * EXCEPT AS SHOWN ON CROSS SECTIONS
- 1 TRANSITIONS FROM 12'-0" AT STA. 51+65.00 "PR-A" TO 0'-0" AT STA. 54+35.00 "PR-A"
0'-0" FROM STA. 54+35.00 "PR-A" TO STA. 61+72.00 "PR-A"
 - 2 CONSTRUCT V-BOTTOM DITCH FROM STA. 59+80.00 LT. TO STA. 61+00.00 LT.
PAVING EXCEPTION FROM STA. 57+15.58 "PR-A" TO STA. 60+28.04 "PR-A"

TYPICAL SECTION - HIVELY AVENUE
STA. 55+98.92 "PR-A" TO STA. 57+15.58 "PR-A"
STA. 60+28.04 "PR-A" TO STA. 60+85.34 "PR-A"



- * EXCEPT AS SHOWN ON CROSS SECTIONS
- 1 0'-0" FROM STA. 60+85.34 "PR-A" TO STA. 61+72.26 "PR-A"
TRANSITIONS FROM 0'-0" AT STA. 61+72.26 "PR-A" TO 12'-0" AT STA. 64+42.18 "PR-A"
 - 2 CONSTRUCT V-BOTTOM DITCH FROM STA. 60+85.34 LT. TO STA. 61+00.00 LT.
CONSTRUCT V-BOTTOM DITCH FROM STA. 61+00.00 RT. TO STA. 61+25.00 RT.
 - 3 SE TRANSITION FROM STA. 60+85.34 "PR-A" TO STA. 61+25.00 LT.

TYPICAL SECTION - HIVELY AVENUE
STA. 60+85.34 "PR-A" TO STA. 61+25.00 "PR-A"

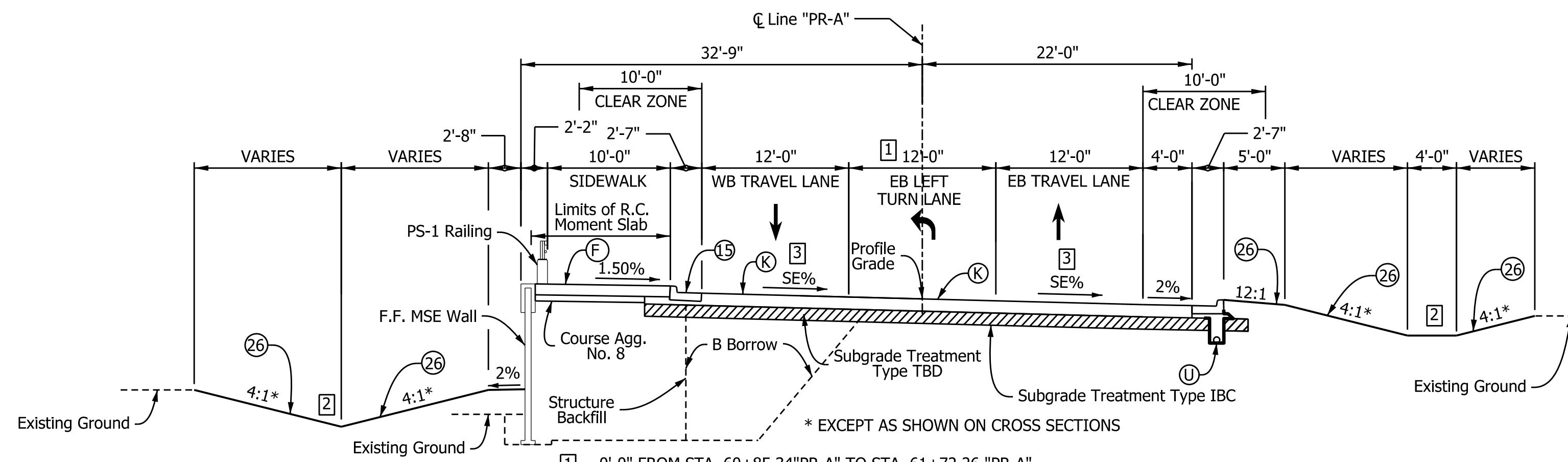
| LEGEND | |
|---|---|
| (K) 165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON 275 #/SY QC/QA-HMA, 3, 70, INTERMEDIATE, 19.0 mm ON 330 #/SY QC/QA-HMA, 3, 64, BASE, 19.0 mm ON 300 #/SY QC/QA-HMA, 4, 76, INTERMEDIATE, OG 19.0 mm ON 6" COMPACTED AGGREGATE, NO. 53, ON GEOTEXTILE FOR SUBGRADE TREATMENT, TYPE 2B, ON SUBGRADE TREATMENT, TYPE IBC (OR AS NOTED) | (R) HMA FOR RESURFACING MILLING, ASPHALT, 1 1/2 IN. AND CRACKS N ASPHALT PAVEMENT, FILL THEN 165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON |
| (U) 6" UNDERDRAIN | (F) SIDEWALK, CONCRETE, 4" |
| (10) SAWCUT | (15) COMBINED CONCRETE CURB & GUTTER, MODIFIED (DEPTH) |
| (26) SODDING (NURSERY) | (Z) SUBGRADE TREATMENT |

| | | |
|--------------------------|-----------------|------|
| RECOMMENDED FOR APPROVAL | DESIGN ENGINEER | DATE |
| DESIGNED: MJS | DRAWN: MJS | |
| CHECKED: JMM | CHECKED: JMM | |

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| INDIANA DEPARTMENT OF TRANSPORTATION | |
| TYPICAL SECTIONS | |

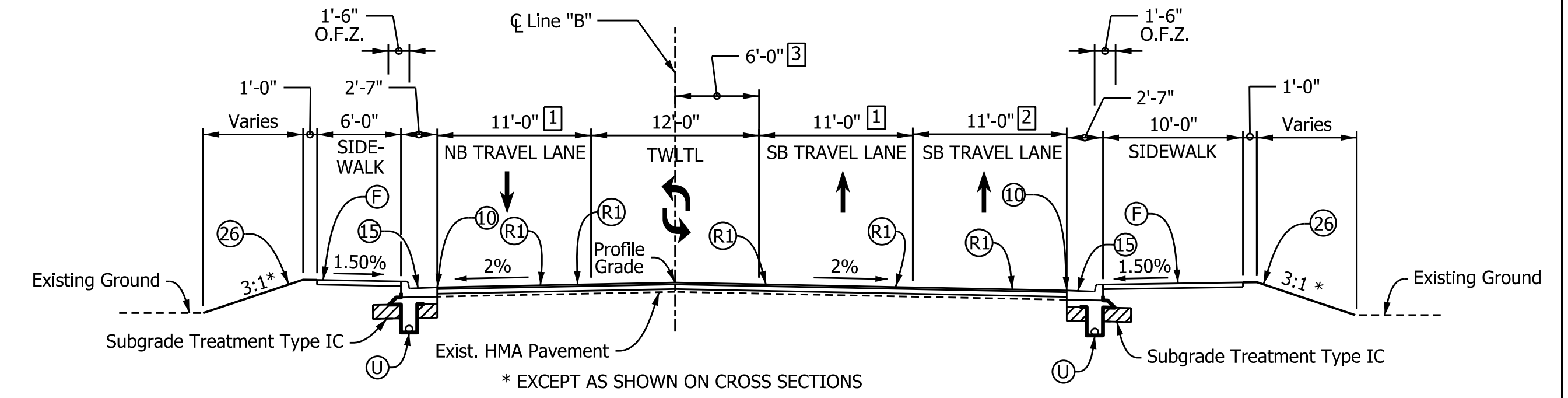
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| 1/8" = 1'-0" | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1801933 |
| SURVEY BOOK | SHEETS |
| N/A | 4 of 151 |
| CONTRACT | PROJECT |
| B-41845 | 1801933 |

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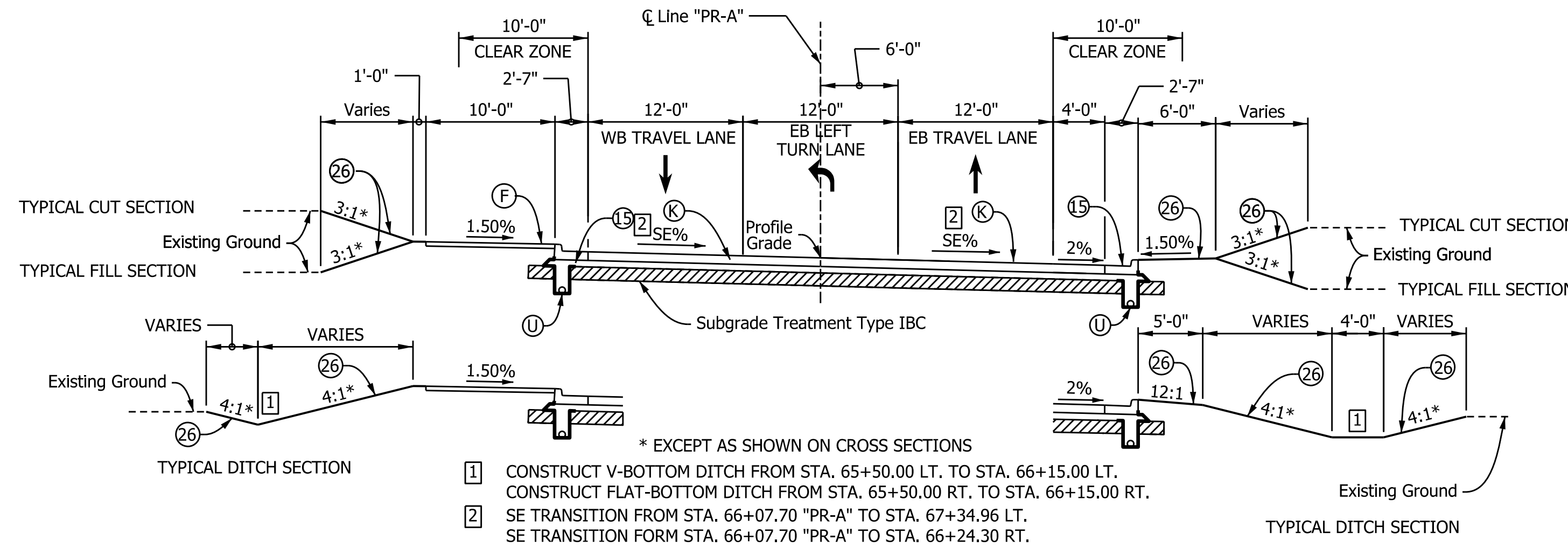
- 1 0'-0" FROM STA. 60+85.34 "PR-A" TO STA. 61+72.26 "PR-A"
- TRANSITIONS FROM 0'-0" AT STA. 61+72.26 "PR-A" TO 12'-0" AT STA. 64+42.18 "PR-A"
- 2 CONSTRUCT V-BOTTOM DITCH FROM STA. 64+75.00 LT. TO STA. 65+50.00 LT.
- CONSTRUCT FLAT-BOTTOM DITCH FROM STA. 61+25.00 RT. TO STA. 65+50.00 RT.
- 3 SE TRANSITION FROM STA. 61+25.00 "PR-A" TO STA. 62+12.60 LT.
- SE TRANSITION FORM STA. 61+96.00 "PR-A" TO STA. 62+12.60 RT.

TYPICAL SECTION - HIVELEY AVENUE
STA. 61+25.00 "PR-A" TO STA. 65+50.00 "PR-A"



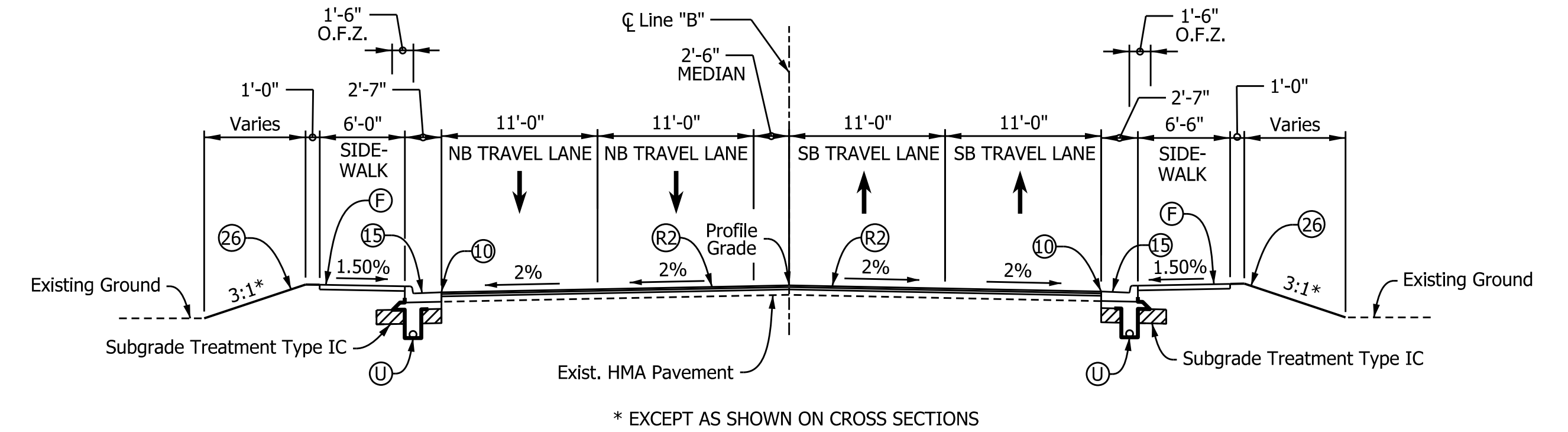
- 1 TRANSITIONS FROM 10'-0" AT STA. 59+30.19 "B" TO 11'-0" AT STA. 59+57.29 "B" RT.
- TRANSITIONS FROM 10'-0" AT STA. 59+30.19 "B" TO 11'-0" AT STA. 59+59.93 "B" LT.
- 2 TRANSITIONS FROM 0'-0" AT STA. 61+20.78 "B" TO 11'-0" AT STA. 61+70.78 "B" RT.
- 3 RT. EDGE OF TWLTL TRANSITIONS FROM 6'-0" RT OF LINE "B" AT STA. 59+30.19 "B" TO 3'-0" LT. OF LINE "B" AT STA. 61+70.78 "B"
- 3'-0" LT. OF LINE "B" FROM STA. 61+70.78 "B" TO STA. 63+88.39 "B"

TYPICAL SECTION - MAIN STREET
STA. 59+30.19 "B" TO STA. 63+88.39 "B"



- 1 CONSTRUCT V-BOTTOM DITCH FROM STA. 65+50.00 LT. TO STA. 66+15.00 LT.
- CONSTRUCT FLAT-BOTTOM DITCH FROM STA. 65+50.00 RT. TO STA. 66+15.00 RT.
- 2 SE TRANSITION FROM STA. 66+07.70 "PR-A" TO STA. 67+34.96 LT.
- SE TRANSITION FORM STA. 66+07.70 "PR-A" TO STA. 66+24.30 RT.

TYPICAL SECTION - HIVELEY AVENUE
STA. 65+50.00 "PR-A" TO STA. 67+34.96 "A"



TYPICAL SECTION - MAIN STREET
STA. 63+88.39 "B" TO STA. 68+05.65 "B"

LEGEND

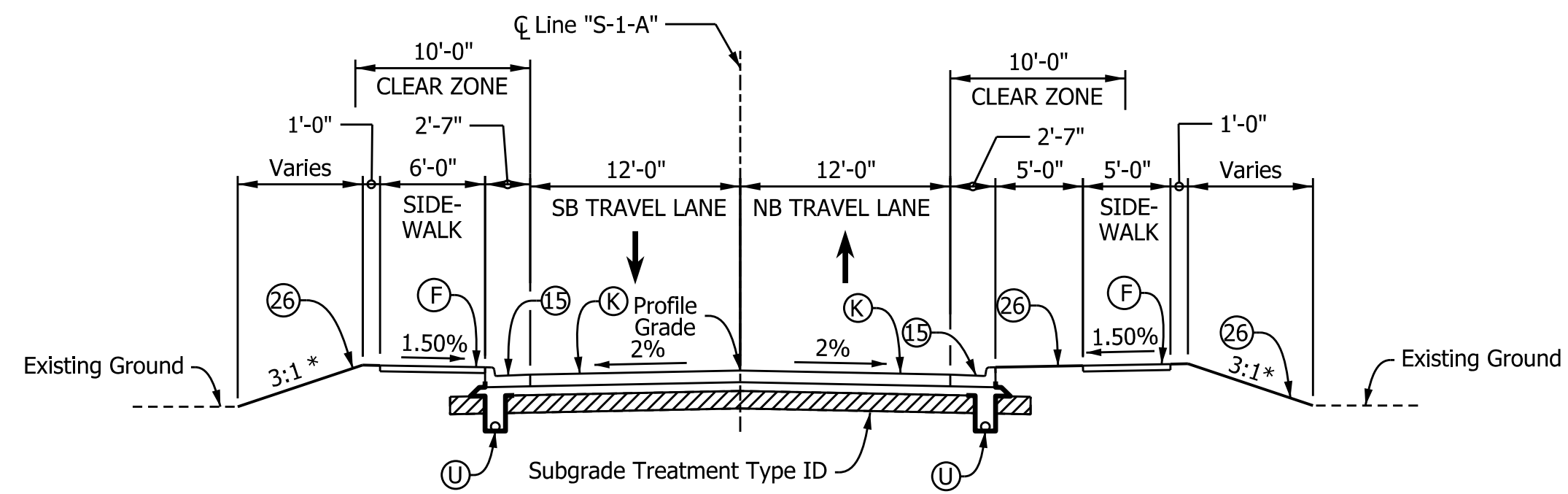
- (K) 165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON
- 275 #/SY QC/QA-HMA, 3, 70, INTERMEDIATE, 19.0 mm ON
- 330 #/SY QC/QA-HMA, 3, 64, BASE, 19.0 mm ON
- 300 #/SY QC/QA-HMA, 4, 76, INTERMEDIATE, OG 19.0 mm ON
- 6" COMPACTED AGGREGATE, NO. 53, ON
- GEOTEXTILE FOR SUBGRADE TREATMENT, TYPE 2B, ON
- SUBGRADE TREATMENT, TYPE IB
- (R1) HMA FOR RESURFACING
- MILLING, ASPHALT, 1 1/2 IN. DEPTH AND
- CRACKS N ASPHALT PAVEMENT, FILL THEN
- 165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON
- VAR. DEPTH (MIN. 220 TO MAX. 440) #/SY QC/QA-HMA, 3, 79, INTERMEDIATE, 19.0 mm
- (U) 6" UNDERDRAIN
- (R2) HMA FOR RESURFACING
- MILLING, ASPHALT, VARIABLE DEPTH (1 1/2 IN. TO 3 1/2 IN.) AND
- CRACKS N ASPHALT PAVEMENT, FILL THEN
- 165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON
- 220 #/SY QC/QA-HMA, 3, 79, INTERMEDIATE, 19.0 mm
- (10) SAWCUT
- (F) SIDEWALK, CONCRETE, 4"
- (26) SODDING (NURSERY)
- (15) COMBINED CONCRETE CURB & GUTTER, MODIFIED (DEPTH)
- (Z) SUBGRADE TREATMENT
- 1 TRANSITIONS FROM 12'-0" AT STA. 67+87.07 "A" TO 0'-0" AT STA. 70+57.07 "A"

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| RECOMMENDED FOR APPROVAL | DESIGN ENGINEER | DATE |
| DESIGNED: MJS | DRAWN: MJS | |
| CHECKED: JMM | CHECKED: JMM | |

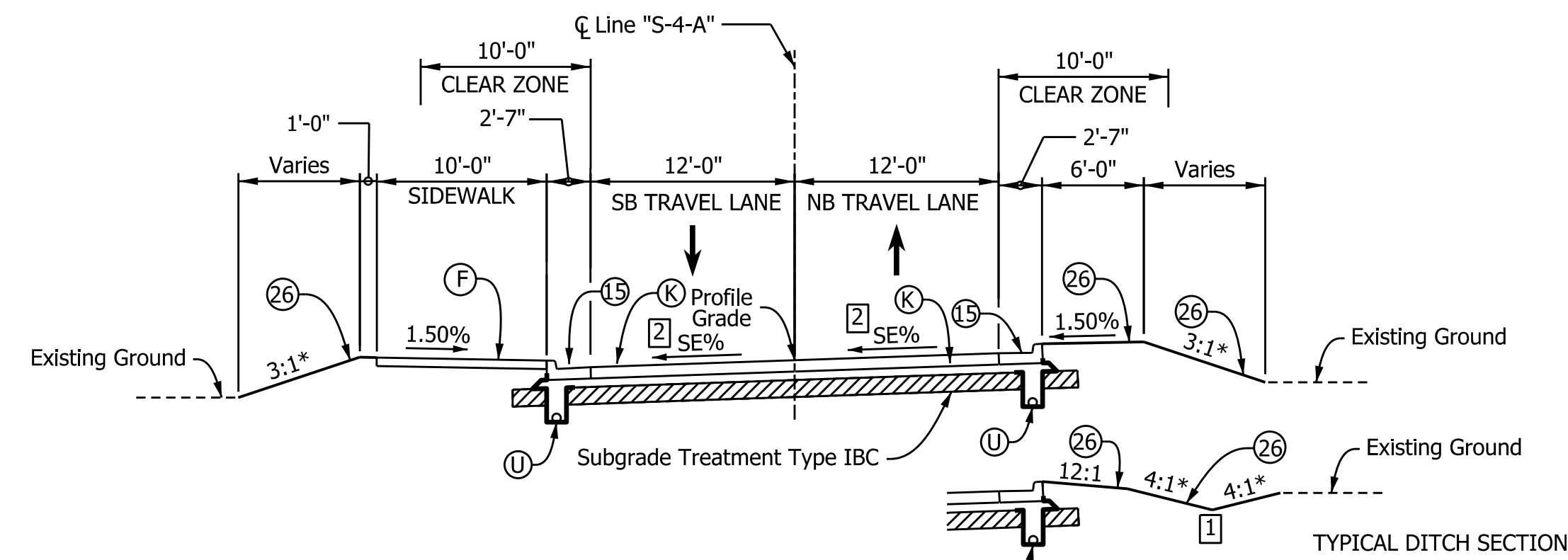
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|---|--|
| INDIANA DEPARTMENT OF TRANSPORTATION | |
| TYPICAL SECTIONS | |

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|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1/8" = 1'-0" | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1801933 |
| SURVEY BOOK | SHEETS |
| N/A | 5 of 151 |
| CONTRACT | PROJECT |
| B-41845 | 1801933 |

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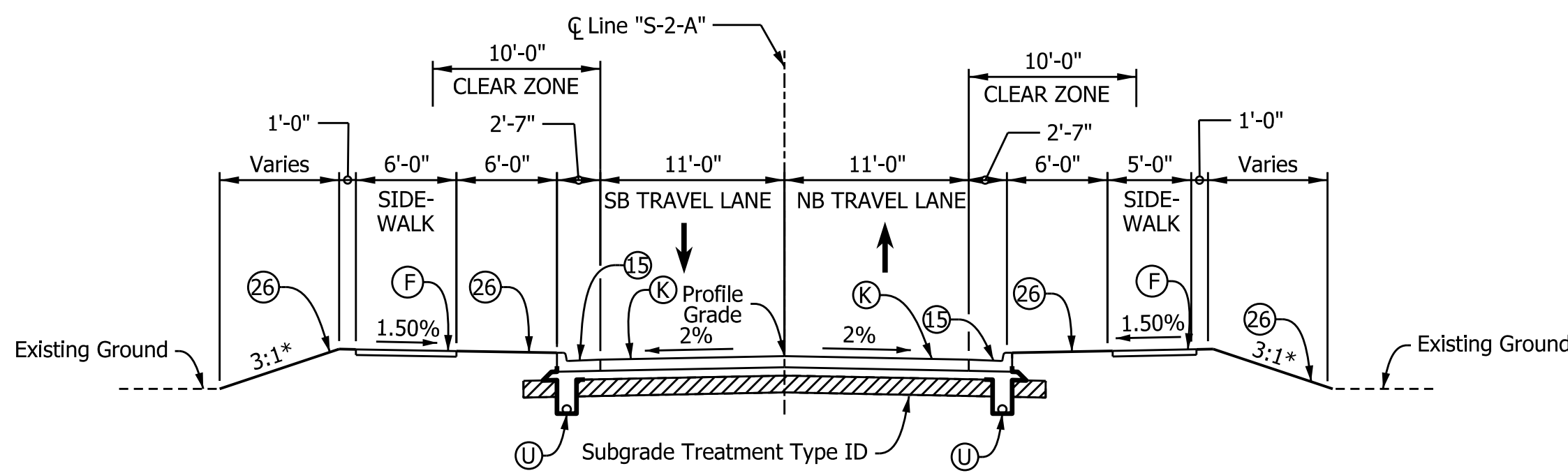


* EXCEPT AS SHOWN ON CROSS SECTIONS
TYPICAL SECTION - MONGER AVENUE
 STA. 100+27.55 "S-1-A" TO STA. 101+50.00 "S-1-A"

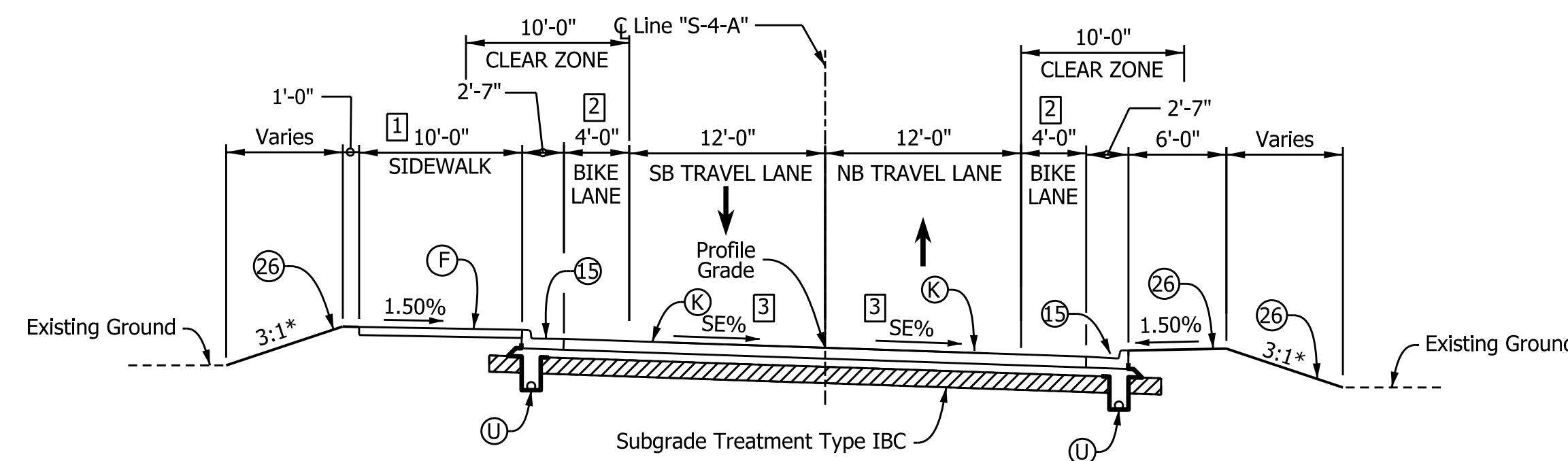


* EXCEPT AS SHOWN ON CROSS SECTIONS
TYPICAL SECTION - STERLING & HAMMOND AVENUE
 STA. 400+35.32 "S-4-A" TO STA. 403+04.08 "S-4-A"

- 1 CONSTRUCT V-BOTTOM DITCH FROM STA. 401+20.00 RT. TO STA. 403+80.00 RT.
- 2 SE TRANSITION FROM STA. 402+38.08 "S-4-A" TO STA. 403+04.08 LT. & RT.

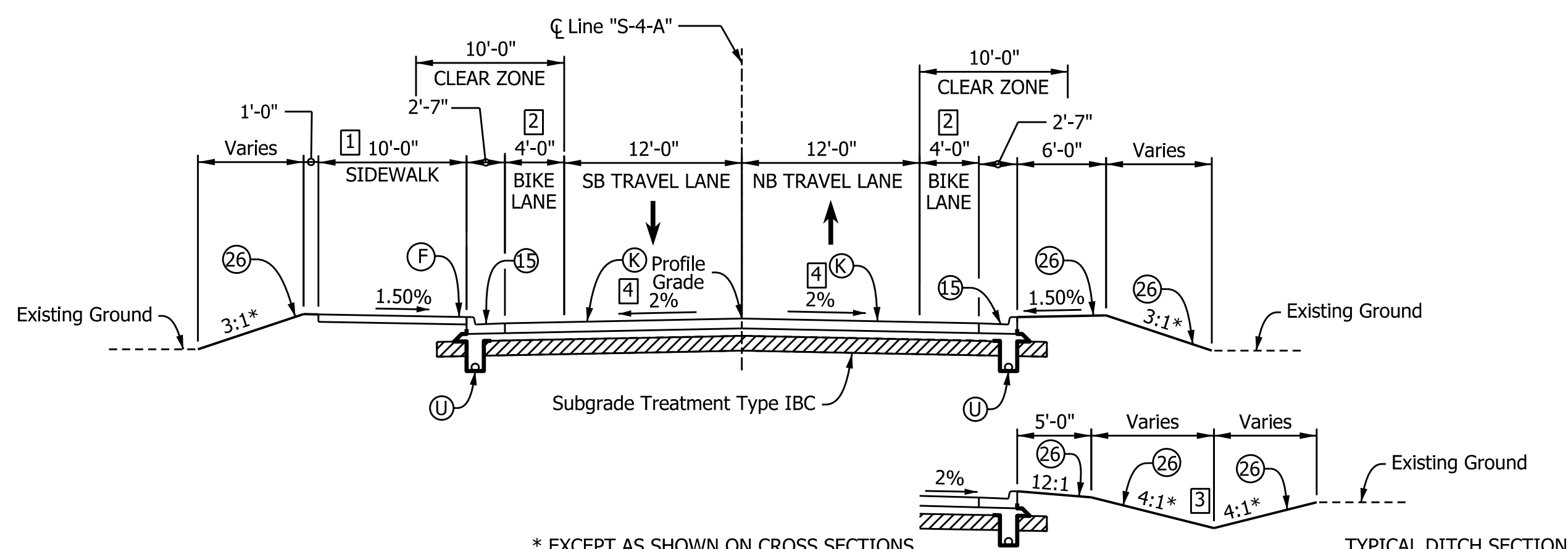


* EXCEPT AS SHOWN ON CROSS SECTIONS
TYPICAL SECTION - ROOSEVELT AVENUE
 STA. 200+00.00 "S-2-A" TO STA. 201+09.73 "S-2-A"



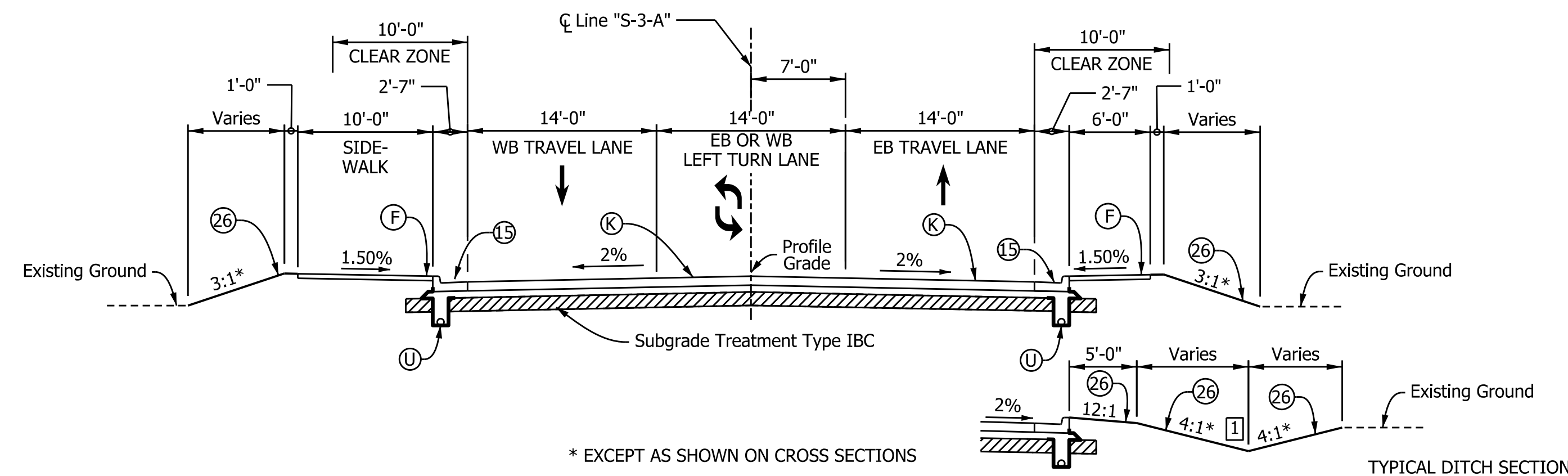
* EXCEPT AS SHOWN ON CROSS SECTIONS
TYPICAL SECTION - STERLING & HAMMOND AVENUE
 STA. 403+04.08 "S-4-A" TO STA. 406+28.67 "S-4-A"

- 1 NO SIDEWALK TO BE PLACED FROM STA. 405+55.44 "S-4-A" TO STA. 407+46.00 "S-4-A".
- 2 0'-0" FROM STA. 403+04.08 "S-4-A" TO STA. 404+87.18 "S-4-A" TRANSITIONS FROM 0'-0" AT STA. 404+87.18 "S-4-A" TO 4'-0" AT STA. 405+44.53 "S-4-A", LT. TRANSITIONS FROM 0'-0" AT STA. 404+87.18 "S-4-A" TO 4'-0" AT STA. 406+08.92 "S-4-A", RT.
- 3 SE TRANSITION FROM STA. 403+04.08 "S-4-A" TO STA. 403+70.08 LT. & RT.



* EXCEPT AS SHOWN ON CROSS SECTIONS
TYPICAL SECTION - STERLING & HAMMOND AVENUE
 STA. 399+28.00 "S-4-A" TO STA. 400+35.32 "S-4-A"
 STA. 406+28.67 "S-4-A" TO STA. 407+46.00 "S-4-A"

- 1 NO SIDEWALK TO BE PLACED FROM STA. 406+28.67 "S-4-A" TO STA. 407+46.00 "S-4-A".
- 2 0'-0" FROM STA. 399+28.00 "S-4-A" TO STA. 400+35.32 "S-4-A"
- 3 CONSTRUCT V-BOTTOM DITCH FROM STA. 399+54.00 RT. TO STA. 400+00.00 RT.
- 4 SE TRANSITION FROM STA. 400+08.14 "S-4-A" TO STA. 400+35.32 LT. SE TRANSITION FORM STA. 399+30.50 "S-4-A" TO STA. 400+35.32 RT. SE TRANSITION FROM STA. 406+28.67 "S-4-A" TO STA. 407+33.49 LT. SE TRANSITION FORM STA. 406+28.67 "S-4-A" TO STA. 406+94.67 RT.



* EXCEPT AS SHOWN ON CROSS SECTIONS
TYPICAL SECTION - ROOSEVELT AVE
 STA. 300+28.60 "S-3-A" TO STA. 305+17.59 "S-3-A"

- 1 CONSTRUCT V-BOTTOM DITCH FROM STA. 301+07.00 RT. TO STA. 301+55.00 RT.

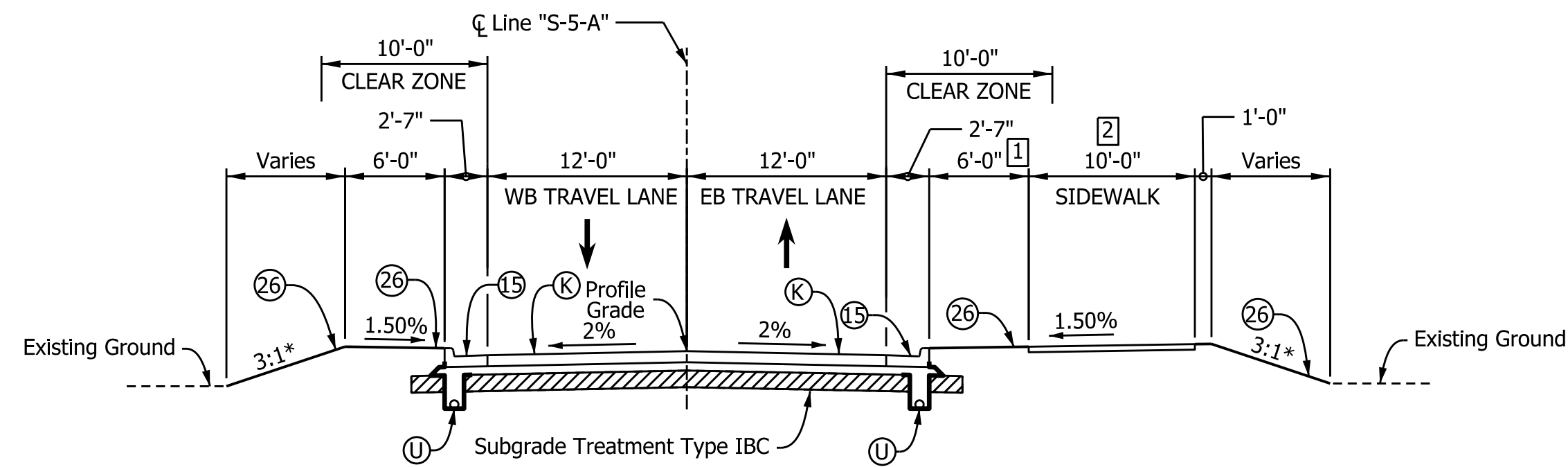
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|--------|---|--|--|------------------------|
| LEGEND | (K) 165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON 275 #/SY QC/QA-HMA, 3, 70, INTERMEDIATE, 19.0 mm ON 330 #/SY QC/QA-HMA, 3, 64, BASE, 19.0 mm ON 300 #/SY QC/QA-HMA, 4, 76, INTERMEDIATE, OG 19.0 mm ON 6" COMPACTED AGGREGATE, NO. 53, ON GEOTEXTILE FOR SUBGRADE TREATMENT, TYPE 2B, ON SUBGRADE TREATMENT, TYPE IBC | (R) HMA FOR RESURFACING MILLING, ASPHALT, 1 1/2 IN. AND CRACKS N ASPHALT PAVEMENT, FILL THEN 165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON | (10) SAWCUT | |
| | (U) 6" UNDERDRAIN | (F) SIDEWALK, CONCRETE, 4" | (15) COMBINED CONCRETE CURB & GUTTER, MODIFIED (DEPTH) | (26) SODDING (NURSERY) |

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|--------------------------|-----------------|------|
| RECOMMENDED FOR APPROVAL | DESIGN ENGINEER | DATE |
| DESIGNED: MJS | DRAWN: MJS | |
| CHECKED: JMM | CHECKED: JMM | |

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| INDIANA DEPARTMENT OF TRANSPORTATION | |
| TYPICAL SECTIONS | |

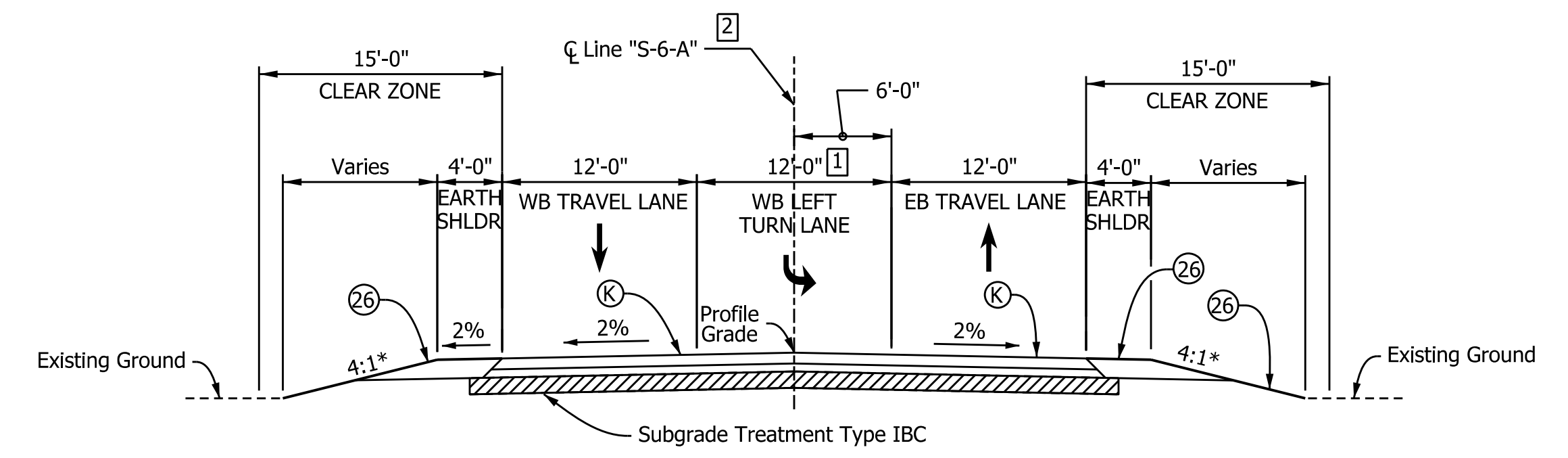
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| HORIZONTAL SCALE | BRIDGE FILE |
| 1/8" = 1'-0" | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1801933 |
| SURVEY BOOK | SHEETS |
| N/A | 6 of 151 |
| CONTRACT | PROJECT |
| B-41845 | 1801933 |

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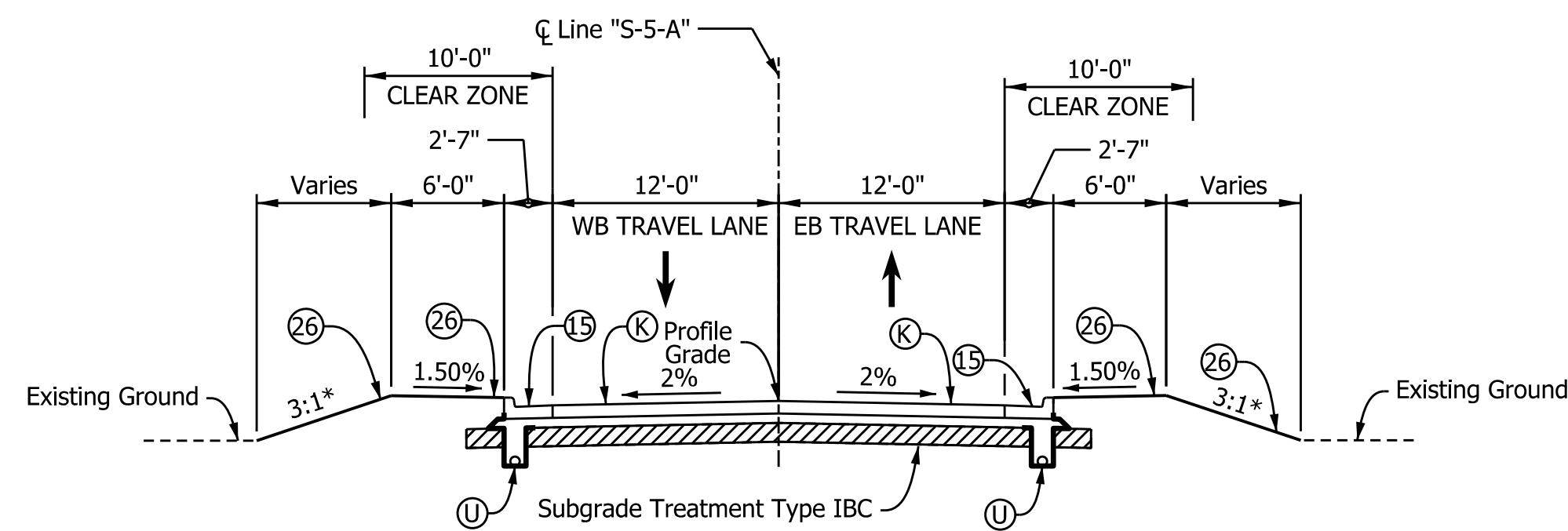
- * EXCEPT AS SHOWN ON CROSS SECTIONS
- [1] VARIES FROM 5'-0" AT STA. 503+42.17 "S-5-A" TO 4'-2" AT STA. 503+62.20 "S-5-A" VARIES FROM 4'-2" AT STA. 503+62.20 "S-5-A" TO 6'-0" AT STA. 503+98.13 "S-5-A"
 - [2] SIDEWALK ENDS ALONG LOWELL AVE. AT STA. 503+98.13 "S-5-A" AND CONTINUES ALONG HIVELEY AVE. AT STA. 62+79.10 "PR-A" (SEE PLAN SHEETS FOR SIDEWALK LOCATION)

TYPICAL SECTION - LOWELL AVENUE
STA. 500+16.57 "S-5-A" TO STA. 503+98.13 "S-5-A"



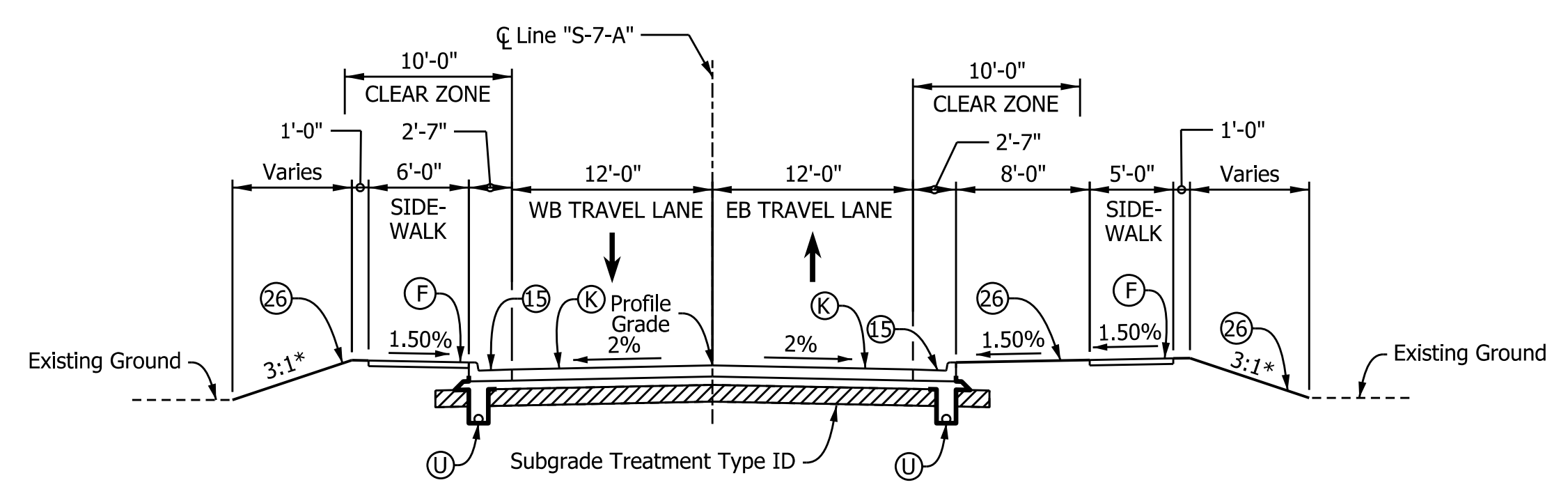
- * EXCEPT AS SHOWN ON CROSS SECTIONS
- [1] TRANSITIONS FROM 12'-0" AT STA. 603+97.68 TO 0'-0" AT STA. 604+77.58.

TYPICAL SECTION - WARREN STREET
STA. 602+90.98 "S-6-A" TO STA. 604+77.58 "S-6-A"



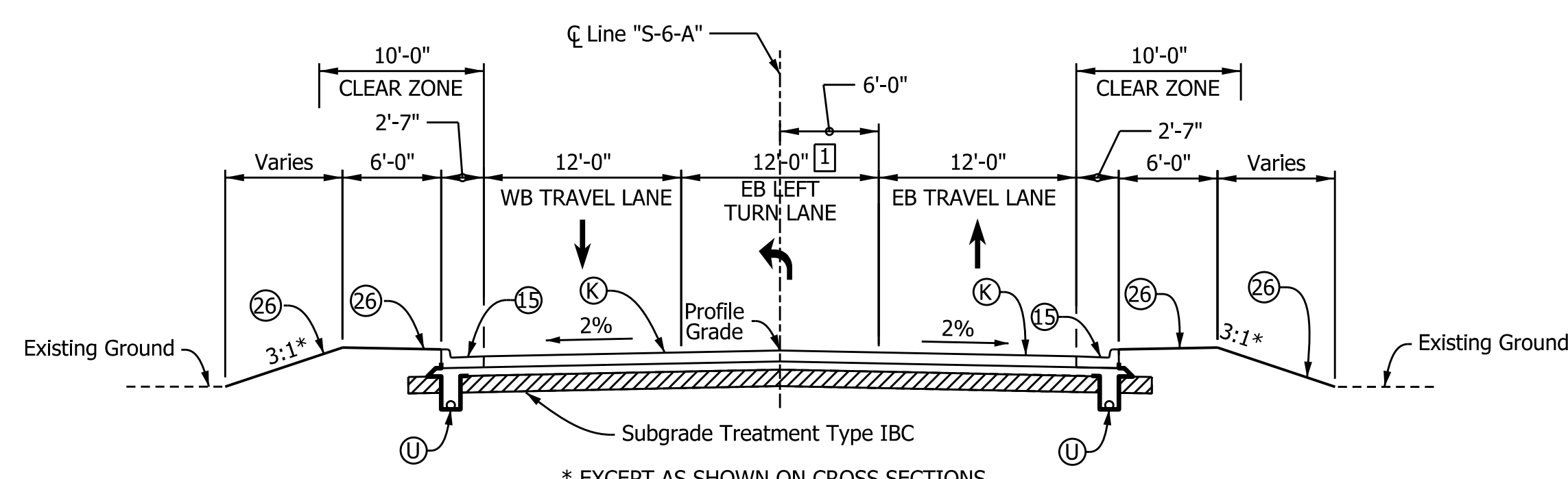
* EXCEPT AS SHOWN ON CROSS SECTIONS

TYPICAL SECTION - LOWELL AVENUE
STA. 503+98.13 "S-5-A" TO STA. 506+22.79 "S-5-A"



* EXCEPT AS SHOWN ON CROSS SECTIONS

TYPICAL SECTION - MORTON AVENUE
STA. 700+20.00 "S-7-A" TO STA. 701+47.20 "S-7-A"



* EXCEPT AS SHOWN ON CROSS SECTIONS

- [1] TRANSITIONS FROM 0'-0" AT STA. 600+00.00 "A" TO 12'-0" AT STA. 601+34.11 "A"

TYPICAL SECTION - WARREN STREET
STA. 600+00.00 "A" TO STA. 602+42.82 "A"

LEGEND

- (K) 165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON 275 #/SY QC/QA-HMA, 3, 70, INTERMEDIATE, 19.0 mm ON 330 #/SY QC/QA-HMA, 3, 64, BASE, 19.0 mm ON 300 #/SY QC/QA-HMA, 4, 76, INTERMEDIATE, OG 19.0 mm ON 6" COMPACTED AGGREGATE, NO. 53, ON GEOTEXTILE FOR SUBGRADE TREATMENT, TYPE 2B, ON SUBGRADE TREATMENT, TYPE IBC
- (R) HMA FOR RESURFACING MILLING, ASPHALT, 1 1/2 IN. AND CRACKS N ASPHALT PAVEMENT, FILL THEN 165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON
- (U) 6" UNDERDRAIN
- (F) SIDEWALK, CONCRETE, 4"

- (15) COMBINED CONCRETE CURB & GUTTER, MODIFIED (DEPTH)
- (16) COMBINED CONCRETE CURB & GUTTER, TYPE B
- (26) SODDING (NURSERY)
- ▨ SUBGRADE TREATMENT

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____

DESIGNED: _____ MJS _____ DRAWN: _____ MJS _____

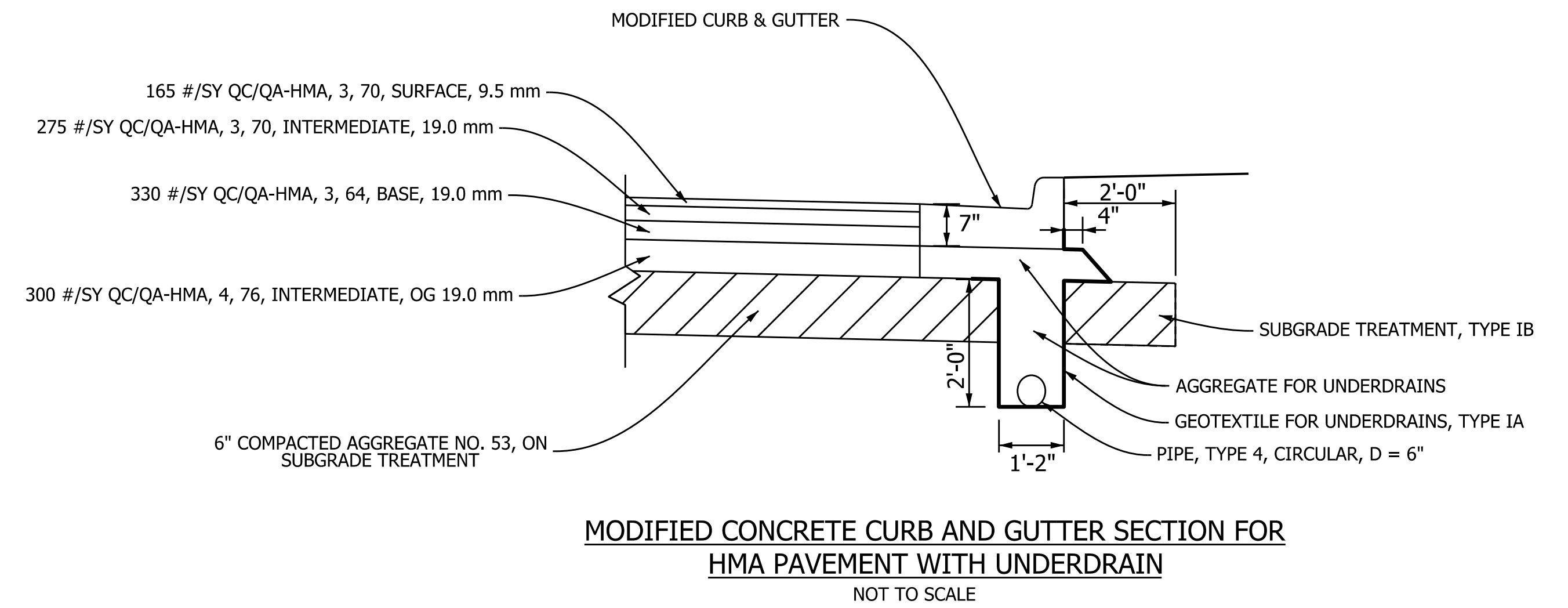
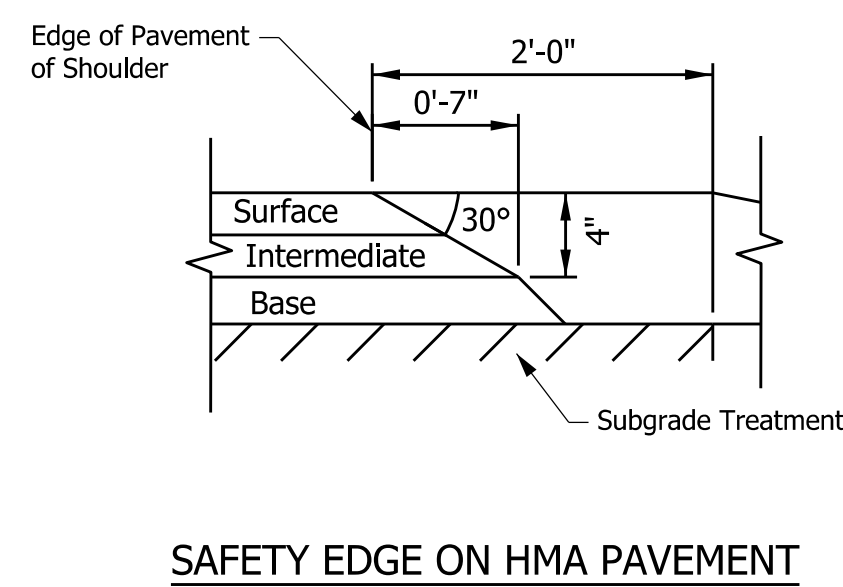
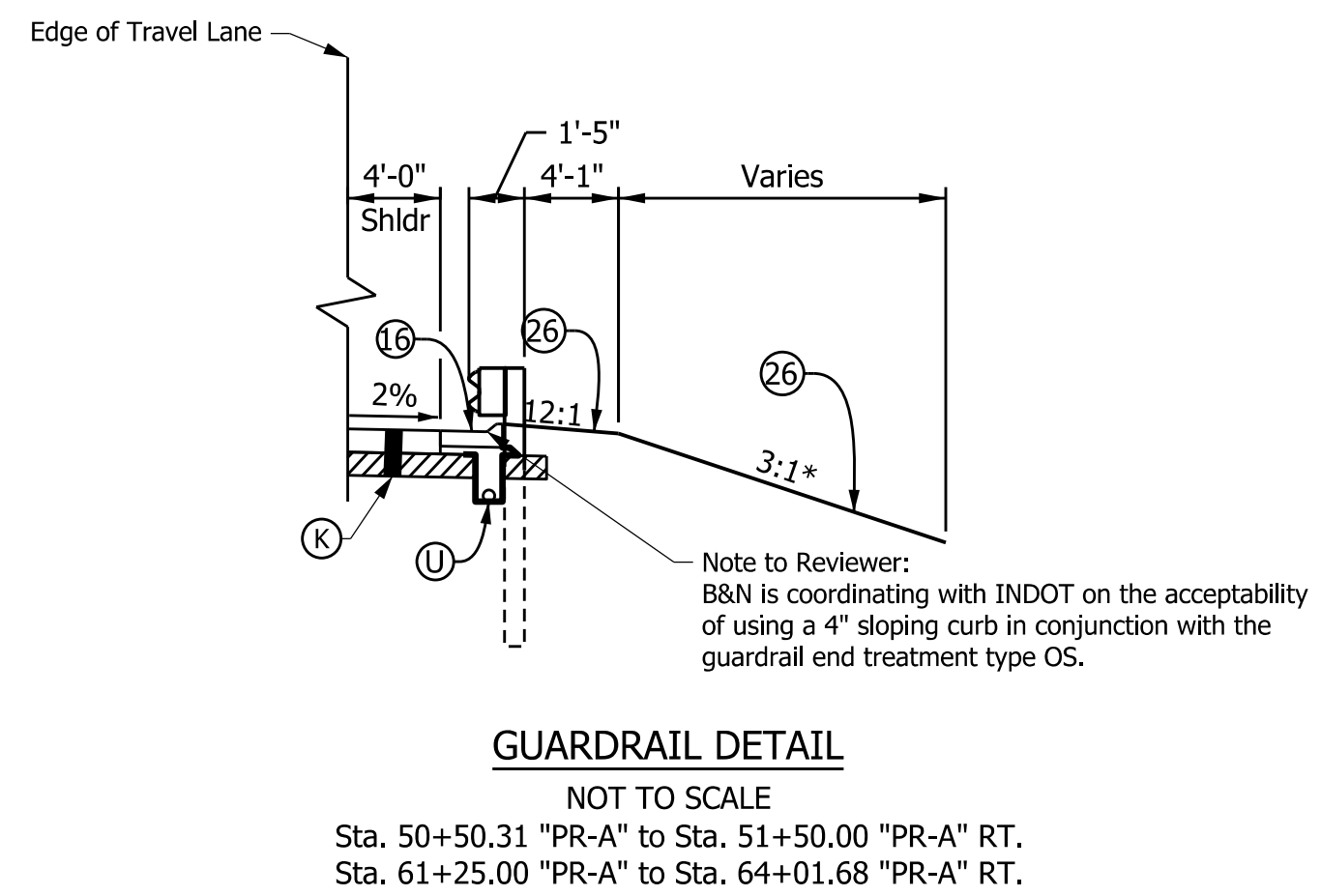
CHECKED: _____ JMM _____ CHECKED: _____ JMM _____

INDIANA DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1/8" = 1'-0" | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1801933 |
| SURVEY BOOK | SHEETS |
| N/A | 7 of 151 |
| CONTRACT | PROJECT |
| B-41845 | 1801933 |

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LEGEND

(K) 165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON
275 #/SY QC/QA-HMA, 3, 70, INTERMEDIATE, 19.0 mm ON
330 #/SY QC/QA-HMA, 3, 64, BASE, 19.0 mm ON
300 #/SY QC/QA-HMA, 4, 76, INTERMEDIATE, OG 19.0 mm ON
6" COMPACTED AGGREGATE, NO. 53, ON
GEOTEXTILE FOR SUBGRADE TREATMENT, TYPE 2B, ON
SUBGRADE TREATMENT, TYPE IB

(R) HMA FOR RESURFACING
MILLING, ASPHALT, 1 1/2 IN. AND
CRACKS N ASPHALT PAVEMENT, FILL THEN
165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON

(U) 6" UNDERDRAIN

(F) SIDEWALK, CONCRETE, 4"

(15) COMBINED CONCRETE CURB &
GUTTER, MODIFIED (DEPTH)

(16) COMBINED CONCRETE CURB &
GUTTER, TYPE B

(26) SODDING (NURSERY)

▨ SUBGRADE TREATMENT

RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: _____ MJS DRAWN: _____ MJS

CHECKED: _____ JMM CHECKED: _____ JMM

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1/8" = 1'-0" | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1801933 |
| SURVEY BOOK | SHEETS |
| N/A | 8 of 151 |
| CONTRACT | PROJECT |
| B-41845 | 1801933 |

SECTION 16, T-37-N, R-5-E,
CONCORD TOWNSHIP
ELKHART COUNTY

Curve Data
P.I. STA. 100+53.79 "S-1-A"
 $\Delta = 25^\circ 48' 34.72''$ Lt.
T = 19.70'
L = 38.74'
R = 86.00'
E = 2.23'
S.E. = N.C.

Curve Data
P.I. Sta. 301+64.05 "S-3-A"
 $\Delta = 62^\circ 41' 24.54''$ Rt.
T = 158.36'
L = 284.48'
R = 260.00'
E = 44.43'
S.E. = N.C.

Curve Data
P.I. Sta. 45+72.09 "PR-A"
 $\Delta = 28^\circ 45' 58.09''$ Rt.
T = 182.33'
L = 356.97'
R = 711.00'
E = 23.01'
S.E. = 4.0%

Curve Data
P.I. STA. 200+70.89 "S-2-A"
 $\Delta = 15^\circ 28' 43.24''$ Rt.
T = 27.18'
L = 54.03'
R = 200.00'
E = 1.84'
S.E. = N.C.

Curve Data
P.I. STA. 51+17.69 "PR-A"
 $\Delta = 40^\circ 10' 02.03''$ Lt.
T = 259.96'
L = 498.45'
R = 711.00'
E = 46.03'
S.E. = 4.0%

- | | | | | | | |
|---|--|-----------------------------|---------------------------------|----------------------------------|--|---|
| 1 ELKHART COMMUNITY SCHOOLS | 2 ELKHART COMMUNITY SCHOOLS | 3 ELKHART COMMUNITY SCHOOLS | 4 ELKHART COMMUNITY SCHOOLS | 5 ELKHART COMMUNITY SCHOOLS | 6 ELKHART COMMUNITY SCHOOLS | 7 UNIQUE OUTREACH MINISTRY, INC. |
| 8 MARIO & REVECA GALINDO | 9 CARLOS CUAHUITZO | 10 DOLLY L. GREGORY | 11 CITY OF ELKHART | 12 SHARON R. TAYLOR | 13 VICTORIA L. COCKERHAM & SALTERA COCKERHAM | 14 SSSTING, LLC |
| 15 CHAD M. MILLER | 16 BLANCA E. CARDOSO | 17 CITY OF ELKHART | 18 CHRISTY A. ALLEN | 19 ELSY M. RODRIGUEZ de QUIWONEZ | 20 MISSIONARY CHURCH, NORTH CENTRAL DISTRICT, INC. | 21 THE INDIANA CONFERENCE OF THE UNITED MISSIONARY CHURCH, INC. |
| 22 THE INDIANA CONFERENCE OF THE UNITED MISSIONARY CHURCH, INC. | 23 RICK A. ROBINSON, LYLE D. SNODGRASS & VIRGINIA J. SNODGRASS | 24 MARLIN & LOIS MARTIN | 25 WILLIAM L. & KATHY L. DAVIES | 26 MICHAEL & NANCY B. BONEWITZ | 27 HEAP SONG PAV | 28 LOYD FOUST & ROSINA MUNAKAMPE-FOUST |
| 29 RUSSELL E. & ANGELA JOHNSON | 30 DEWAYNE & RUBY MILLER | 31 MARLIN & LOIS MARTIN | 32 RICHARD A. CROWE | 33 EDWIN PINEDA & NATALY CORTES | 34 HUDSON STREET PROPERTIES, LLC | 35 JORGE TREJO |
| 37 CITY OF ELKHART | 40 HUDSON STREET PROPERTIES, LLC | 41 MARLIN & LOIS MARTIN | 42 FRANCES E. HUNTER | 43 CHAMP 84 ENTERPRISES, LLC | | |

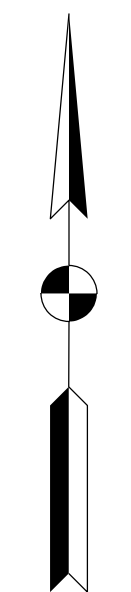
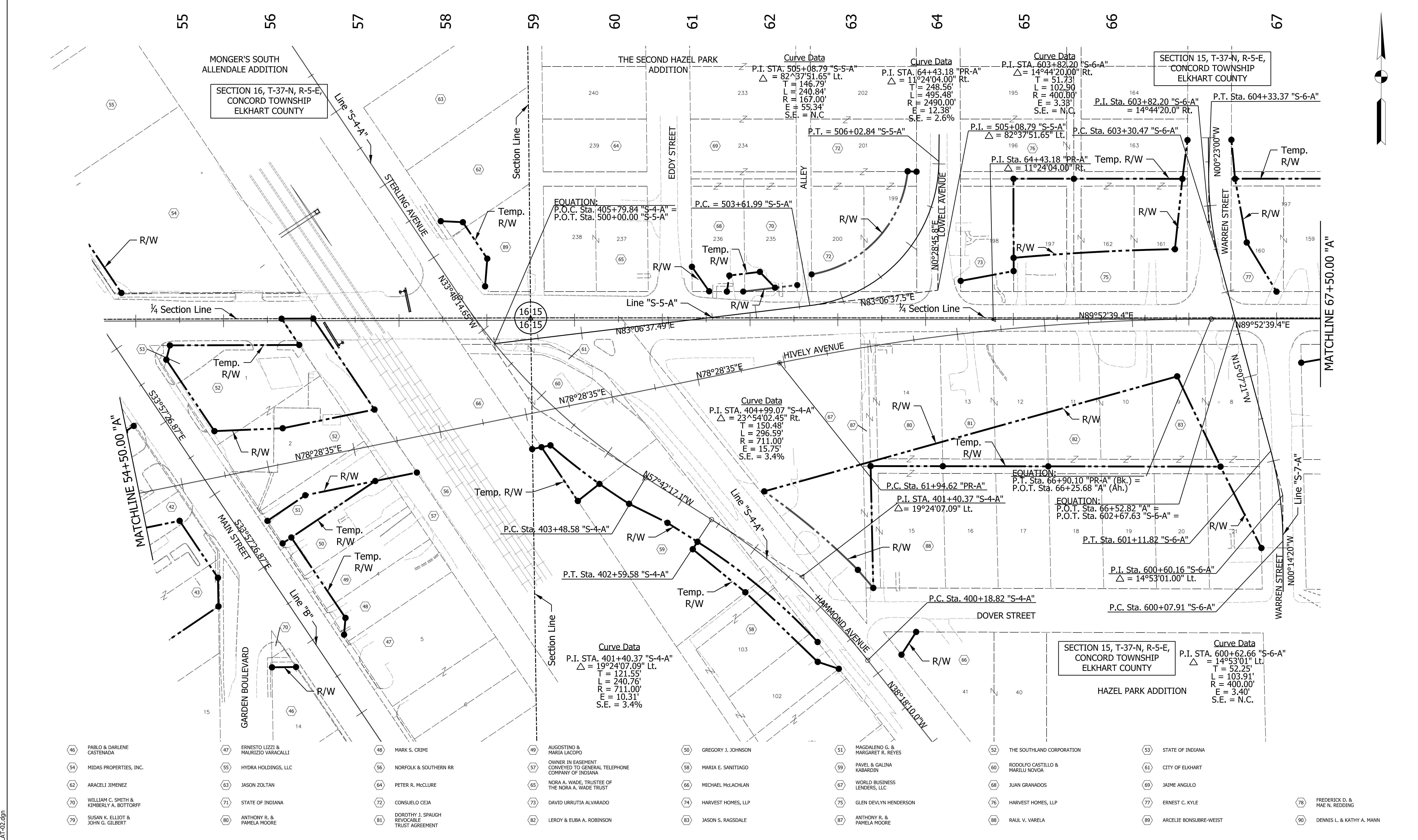
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| RECOMMENDED FOR APPROVAL | DESIGN ENGINEER | DATE |
| DESIGNED: TMW | DRAWN: TMW | |
| CHECKED: JMM | CHECKED: JMM | |

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAT NO. 1
STA. 40+00.00 "A" TO STA. 54+50.00 "PR-A"

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 50' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1801933 |
| SURVEY BOOK | SHEETS |
| N/A | 9 of 151 |
| CONTRACT | PROJECT |
| B-41845 | 1801933 |

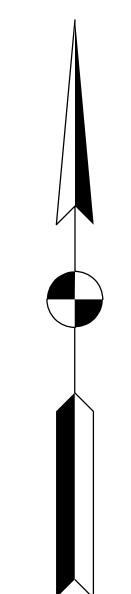
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- 46 PABLO & DARLENE CASTENADA
- 47 ERNESTO LIZZI & MAURIZIO VARACALLI
- 48 MARK S. CRIMI
- 49 AUGUSTINO & MARIA LACOPO
- 50 GREGORY J. JOHNSON
- 51 MAGDALENO G. & MARGARET R. REYES
- 52 THE SOUTHLAND CORPORATION
- 53 STATE OF INDIANA
- 54 MIDAS PROPERTIES, INC.
- 55 HYDRA HOLDINGS, LLC
- 56 NORFOLK & SOUTHERN RR
- 57 OWNER IN EASEMENT CONVEYED TO GENERAL TELEPHONE COMPANY OF INDIANA
- 58 MARIA E. SANTIAGO
- 59 PAVEL & GALINA KABARDIN
- 60 RODOLFO CASTILLO & MARILU NOVQA
- 61 CITY OF ELKHART
- 62 ARACELI JIMENEZ
- 63 JASON ZOLTAN
- 64 PETER R. McCLURE
- 65 NORA A. WADE, TRUSTEE OF THE NORA A. WADE TRUST
- 66 MICHAEL McLACHLAN
- 67 WORLD BUSINESS LENDERS, LLC
- 68 JUAN GRANADOS
- 69 JAIME ANGULO
- 70 WILLIAM C. SMITH & KIMBERLY A. BOTTORFF
- 71 STATE OF INDIANA
- 72 CONSUELO CEJA
- 73 DAVID URRUTIA ALVARADO
- 74 HARVEST HOMES, LLP
- 75 GLEN DEVLYN HENDERSON
- 76 HARVEST HOMES, LLP
- 77 ERNEST C. KYLE
- 78 FREDERICK D. & MAE N. REDDING
- 79 SUSAN K. ELLIOT & JOHN G. GILBERT
- 80 ANTHONY R. & PAMELA MOORE
- 81 DOROTHY J. SPAUGH REVOCABLE TRUST AGREEMENT
- 82 LEROY & EUBA A. ROBINSON
- 83 JASON S. RAGSDALE
- 87 ANTHONY R. & PAMELA MOORE
- 88 RAUL V. VARELA
- 89 ARCELIE BONSUBRE-WEIST
- 90 DENNIS L. & KATHY A. MANN

| | | | | | | | | | |
|--------------------------------|--|----------------------------------|--|---|--|------------------------------|--|------------------------|--|
| RECOMMENDED FOR APPROVAL _____ | | DESIGN ENGINEER _____ DATE _____ | | INDIANA DEPARTMENT OF TRANSPORTATION | | HORIZONTAL SCALE 1" = 50' | | BRIDGE FILE N/A | |
| DESIGNED: _____ | | DRAWN: _____ | | PLAT NO. 1 | | VERTICAL SCALE N/A | | DESIGNATION 1801933 | |
| CHECKED: _____ | | CHECKED: _____ | | STA. 54+50.00 "PR-A" TO STA. 67+50.00 "A" | | SURVEY BOOK N/A | | SHEETS 10 of 151 | |
| | | | | | | CONTRACT B-41845 | | PROJECT 1801933 | |

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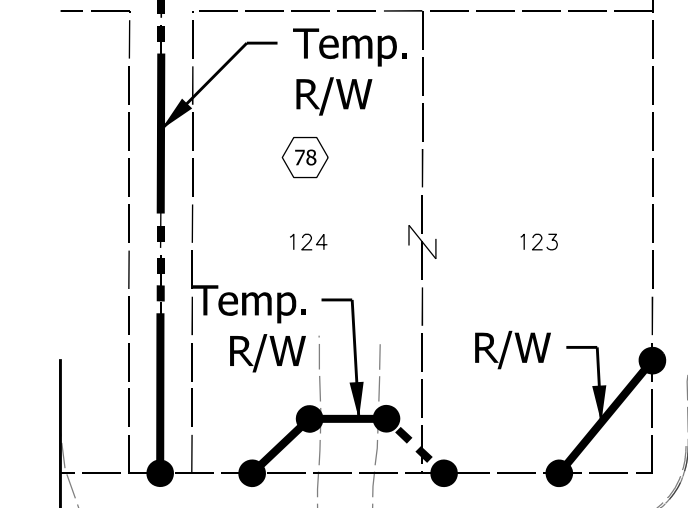


68 69 70 71 72

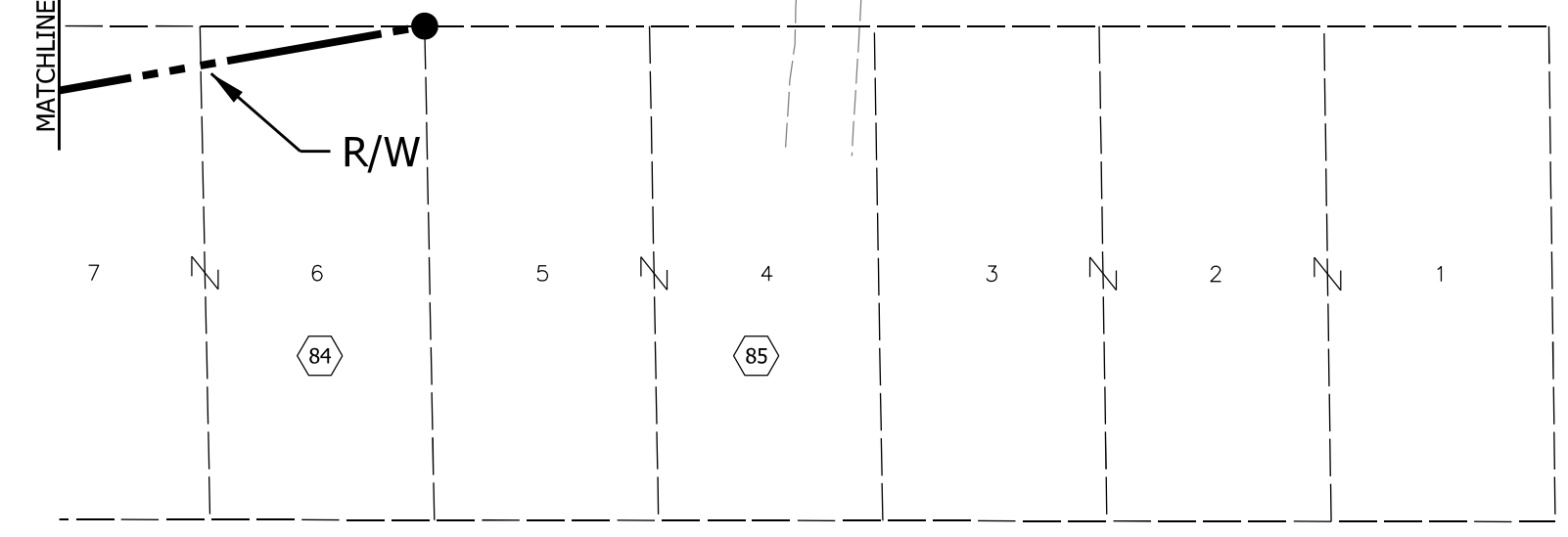
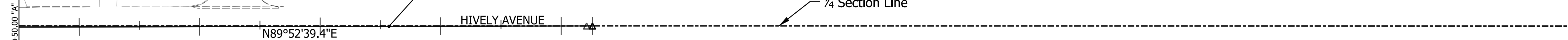
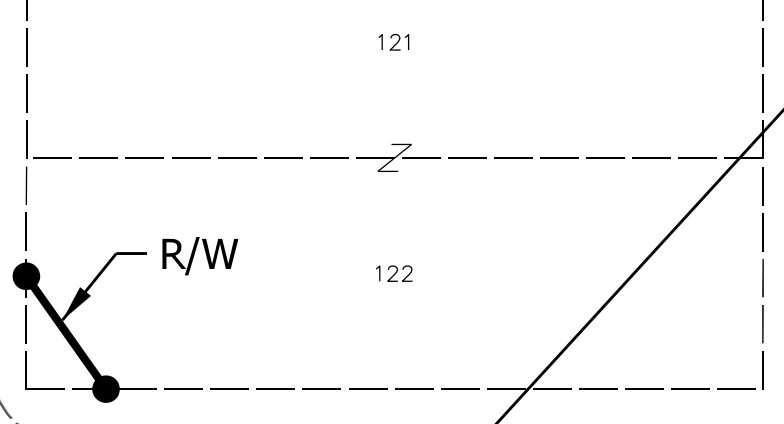
SECTION 15, T-37-N, R-5-E,
CONCORD TOWNSHIP
ELKHART COUNTY

THE SECOND HAZEL PARK ADDITION

End Project No. 1801933
Sta. 70+57.07 "A"



HAZEL STREET



HAZEL PARK ADDITION

SECTION 15, T-37-N, R-5-E,
CONCORD TOWNSHIP
ELKHART COUNTY

- 78 FREDERICK D. & MAE N. REDDING
- 84 IMOGENE M. YOUNG
- 85 MARIA FLORES
- 86 CURTIS HOLT

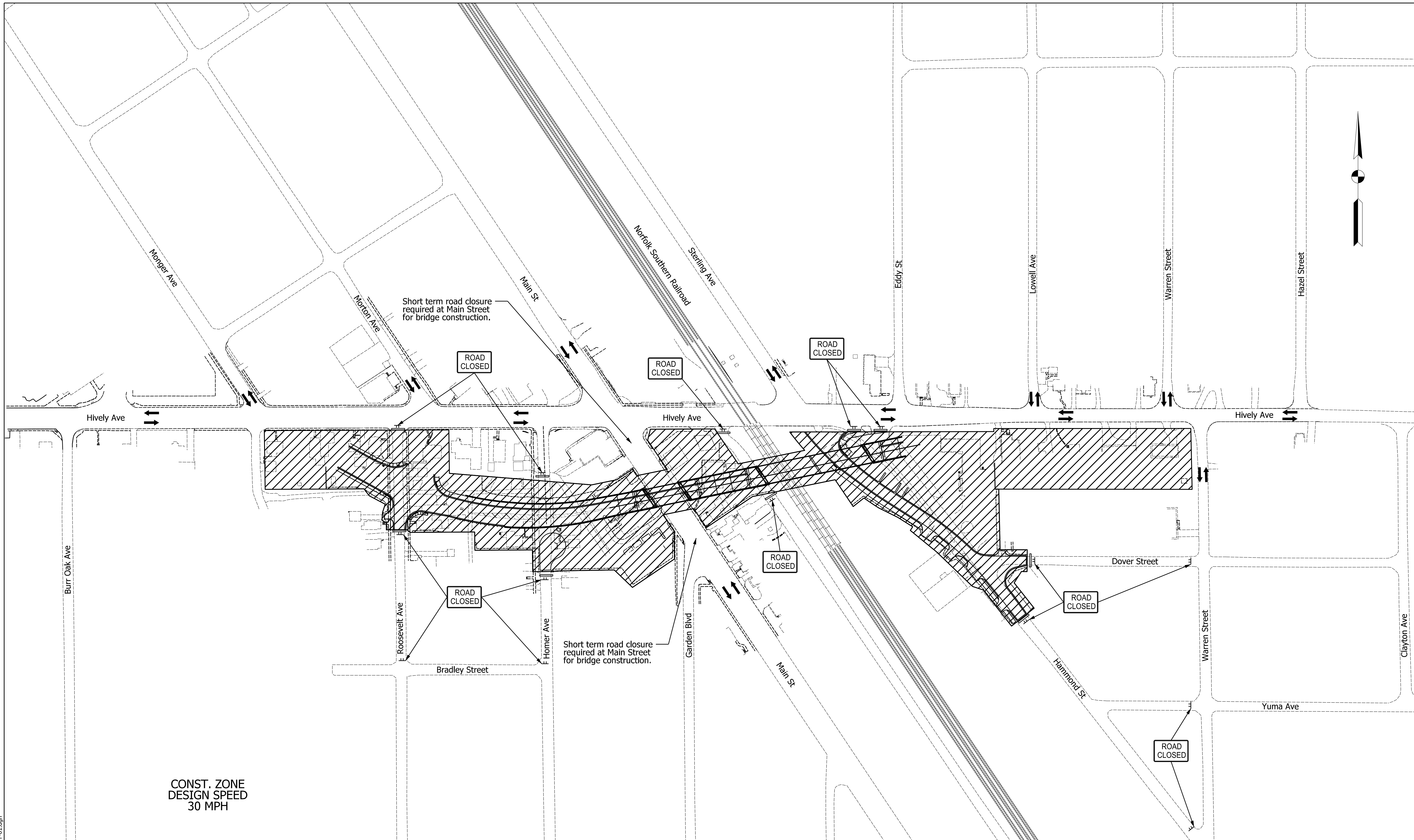
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| | | |
|--------------------------------|--------------------------|------------|
| RECOMMENDED FOR APPROVAL _____ | DESIGN ENGINEER _____ | DATE _____ |
| DESIGNED: _____ TMW _____ | DRAWN: _____ TMW _____ | |
| CHECKED: _____ JMM _____ | CHECKED: _____ JMM _____ | |

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAT NO. 1
STA. 67+50.00 "A" TO STA. 70+57.07 "A"

| | |
|------------------------------|------------------------|
| HORIZONTAL SCALE 1" = 50' | BRIDGE FILE N/A |
| VERTICAL SCALE N/A | DESIGNATION 1801933 |
| SURVEY BOOK N/A | SHEETS 11 of 151 |
| CONTRACT B-41845 | PROJECT 1801933 |



CONST. ZONE
DESIGN SPEED
30 MPH

LEGEND

- CONSTRUCTION SIGN
- BARRICADE, TYPE III-A OR III-B
- CONSTRUCTION AREA
- DIRECTION OF TRAFFIC

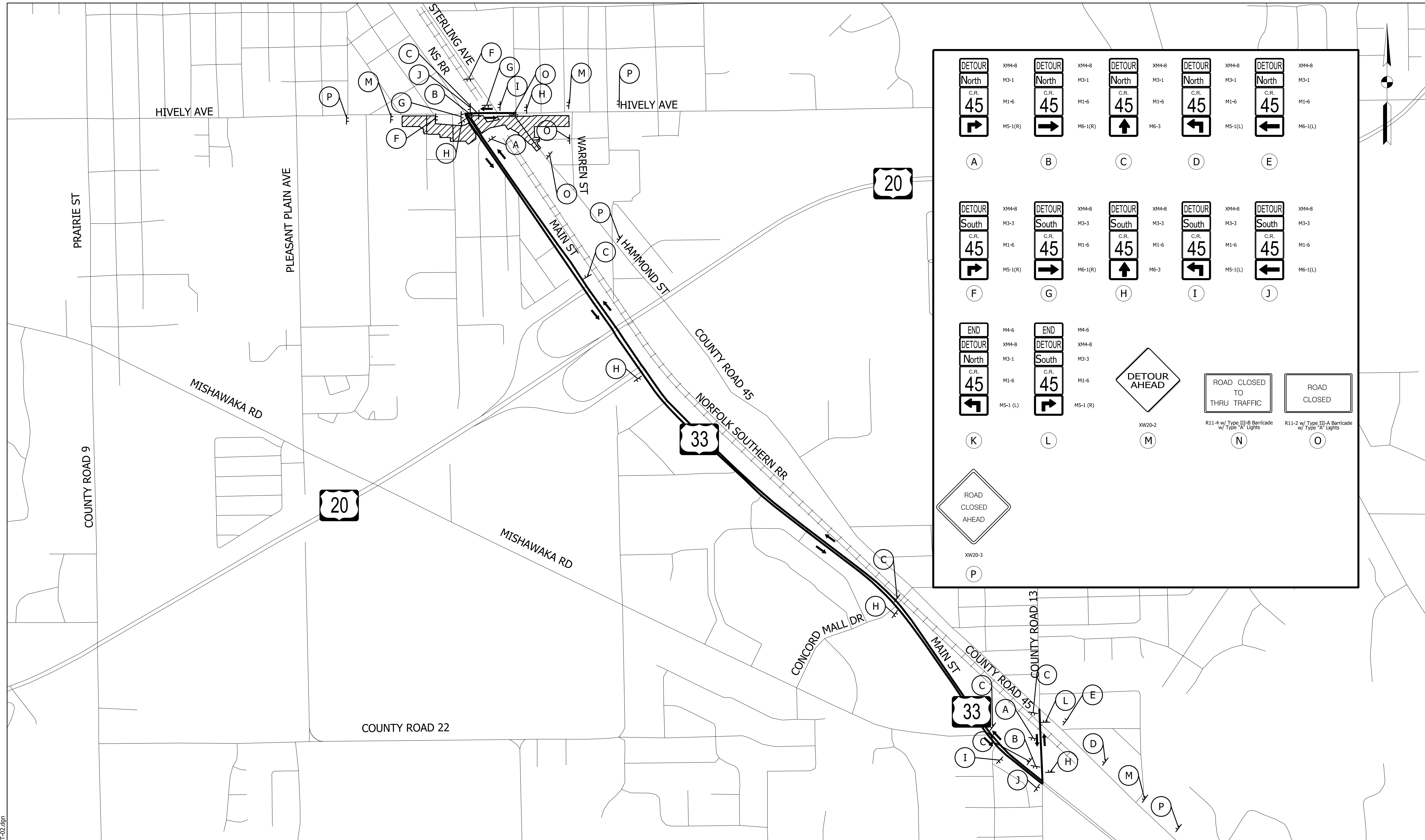
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|--------------------------------|-----------------------|------------|
| RECOMMENDED FOR APPROVAL _____ | DESIGN ENGINEER _____ | DATE _____ |
| DESIGNED: MJS | DRAWN: MJS | |
| CHECKED: JMM | CHECKED: JMM | |

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PHASE 1**

| | |
|-------------------------------|------------------------|
| HORIZONTAL SCALE 1" = 100' | BRIDGE FILE N/A |
| VERTICAL SCALE N/A | DESIGNATION 1801933 |
| SURVEY BOOK N/A | SHEETS 12 of 151 |
| CONTRACT B-41845 | PROJECT 1801933 |

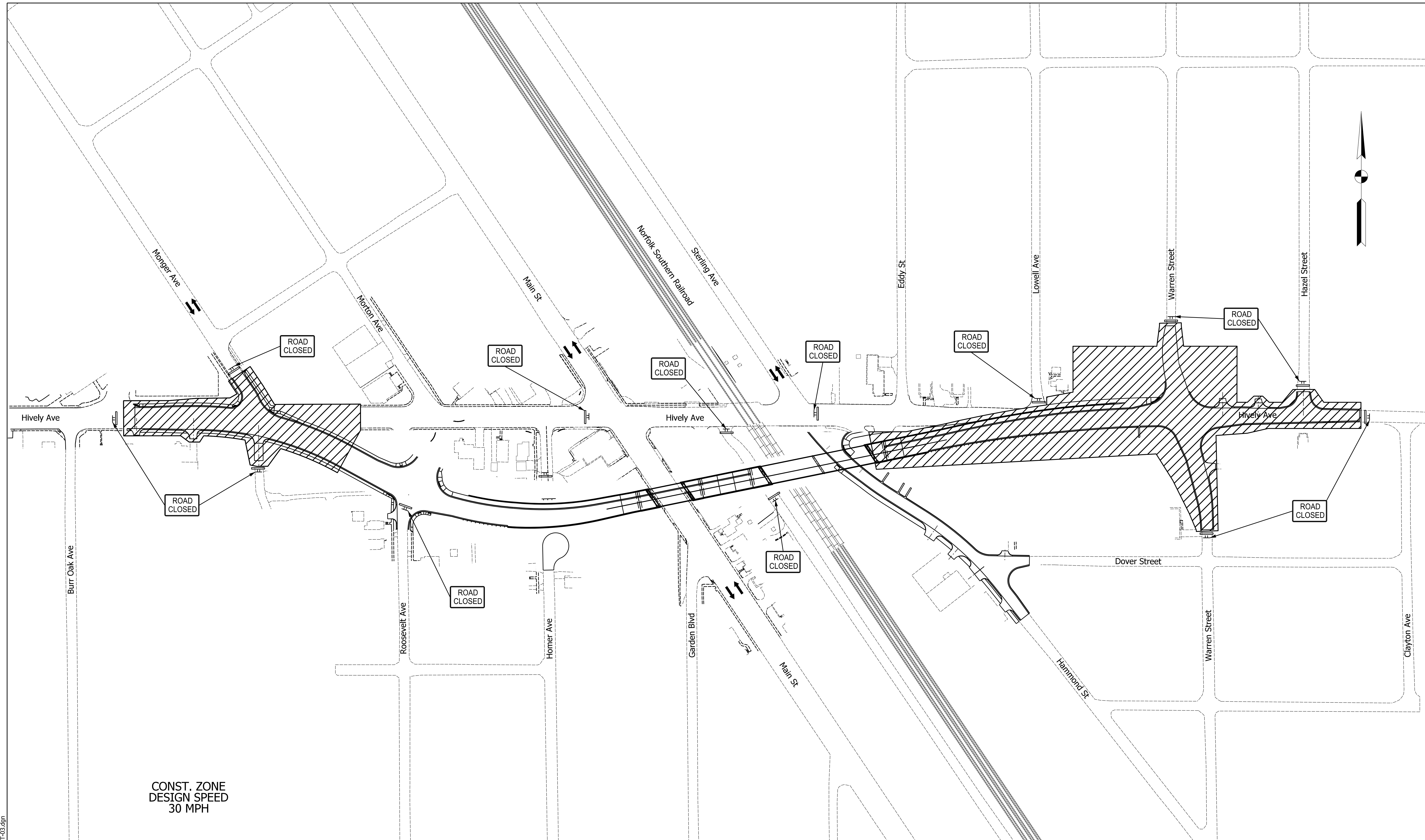
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| | | | | | | | | | |
|---|--|--|--|---|-------------------------------|---|------------------------------------|---|----------------------------------|
| DETOUR North C.R. 45 Right Arrow | XM4-8 M3-1 M1-6 M5-1(R) | DETOUR North C.R. 45 Right Arrow | XM4-8 M3-1 M1-6 M6-1(R) | DETOUR North C.R. 45 Up Arrow | XM4-8 M3-1 M1-6 M6-3 | DETOUR North C.R. 45 Left Arrow | XM4-8 M3-1 M1-6 M5-1(L) | DETOUR North C.R. 45 Left Arrow | XM4-8 M3-1 M1-6 M6-1(L) |
| (A) | (B) | (C) | (D) | (E) | | | | | |
| DETOUR South C.R. 45 Right Arrow | XM4-8 M3-3 M1-6 M5-1(R) | DETOUR South C.R. 45 Right Arrow | XM4-8 M3-3 M1-6 M6-1(R) | DETOUR South C.R. 45 Up Arrow | XM4-8 M3-3 M1-6 M6-3 | DETOUR South C.R. 45 Left Arrow | XM4-8 M3-3 M1-6 M5-1(L) | DETOUR South C.R. 45 Left Arrow | XM4-8 M3-3 M1-6 M6-1(L) |
| (F) | (G) | (H) | (I) | (J) | | | | | |
| END DETOUR North C.R. 45 Left Arrow | M4-6 XM4-8 M3-1 M1-6 M5-1(L) | END DETOUR South C.R. 45 Right Arrow | M4-6 XM4-8 M3-3 M1-6 M5-1(R) | | | DETOUR AHEAD | ROAD CLOSED TO THRU TRAFFIC | ROAD CLOSED | |
| (K) | (L) | (M) | (N) | (O) | | | | | |
| ROAD CLOSED AHEAD | | | | | | | | | |
| (P) | | | | | | | | | |





| | | | |
|--|--|---|---|
| LEGEND WORK AREA DETOUR DIRECTION | RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____ | INDIANA DEPARTMENT OF TRANSPORTATION MAINTENANCE OF TRAFFIC DETOUR MAP PHASE 1 | HORIZONTAL SCALE N/A BRIDGE FILE N/A |
| | DESIGNED: MJS CHECKED: JMM | | DRAWN: MJS CHECKED: JMM |
| | | | SURVEY BOOK N/A SHEETS 13 of 151 |
| | | | CONTRACT B-41845 PROJECT 1801933 |

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CONST. ZONE
DESIGN SPEED
30 MPH

LEGEND

-  CONSTRUCTION SIGN
-  BARRICADE, TYPE III-A OR III-B
-  CONSTRUCTION AREA
-  DIRECTION OF TRAFFIC

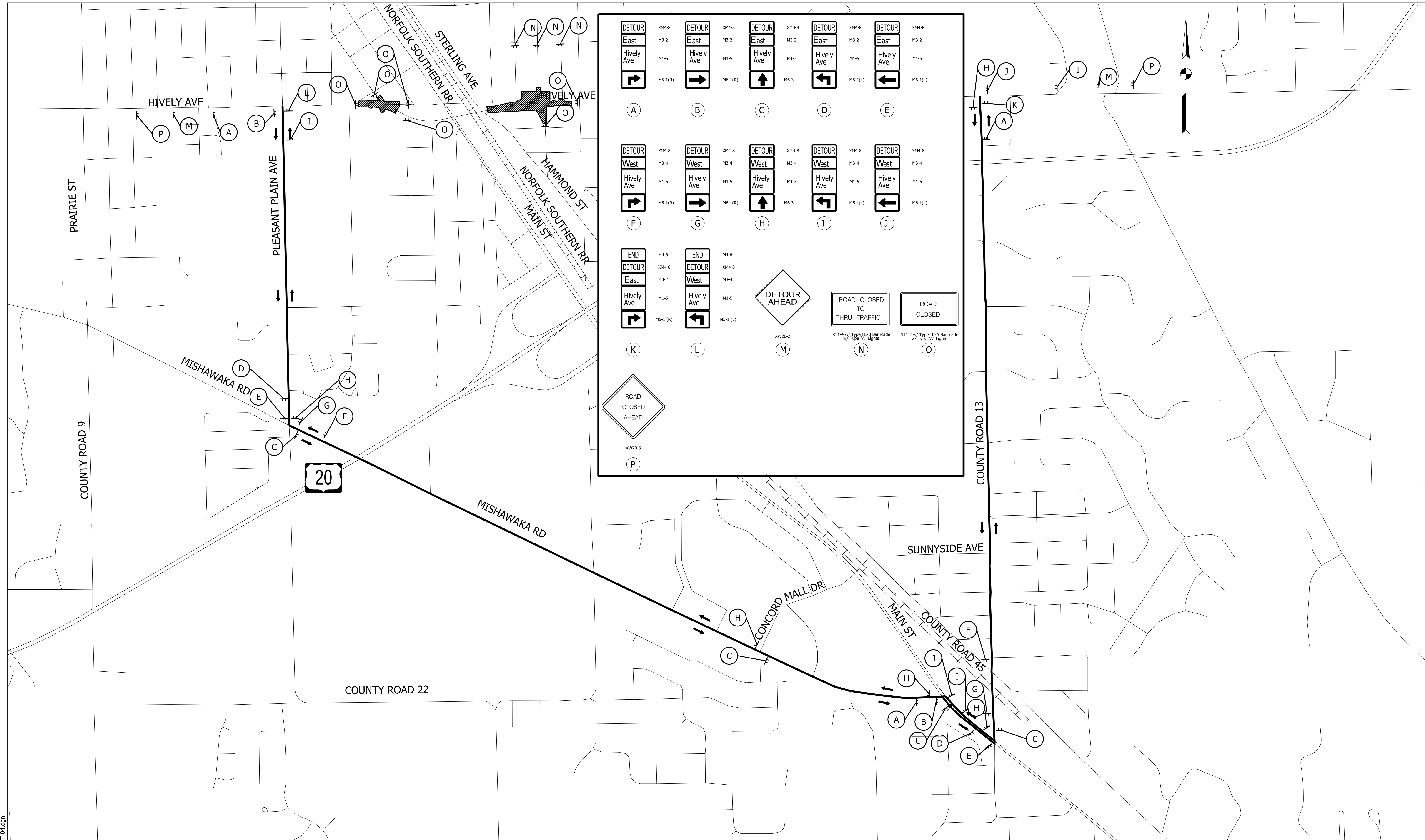
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|--------------------------------|-----------------------|------------|
| RECOMMENDED FOR APPROVAL _____ | DESIGN ENGINEER _____ | DATE _____ |
| DESIGNED: MJS | DRAWN: MJS | |
| CHECKED: JMM | CHECKED: JMM | |

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 2

| | |
|-------------------------------|------------------------|
| HORIZONTAL SCALE 1" = 100' | BRIDGE FILE N/A |
| VERTICAL SCALE N/A | DESIGNATION 1801933 |
| SURVEY BOOK N/A | SHEETS 14 of 151 |
| CONTRACT B-41845 | PROJECT 1801933 |

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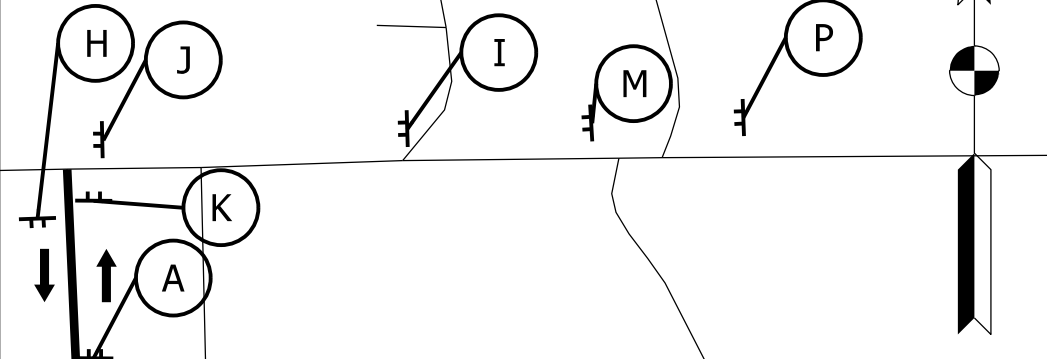


LEGEND

WORK AREA

DETOUR DIRECTION

| | | | | |
|--|--|--|--|--|
| DETOUR East X044-8 M3-2 Hively Ave M1-5 M5-1(R) | DETOUR East X044-8 M3-2 Hively Ave M1-5 M6-1(R) | DETOUR East X044-8 M3-2 Hively Ave M1-5 M6-3 | DETOUR East X044-8 M3-2 Hively Ave M1-5 M5-1(L) | DETOUR East X044-8 M3-2 Hively Ave M1-5 M6-1(L) |
| (A) | (B) | (C) | (D) | (E) |
| DETOUR West X044-8 M3-4 Hively Ave M1-5 M5-1(R) | DETOUR West X044-8 M3-4 Hively Ave M1-5 M6-1(R) | DETOUR West X044-8 M3-4 Hively Ave M1-5 M6-3 | DETOUR West X044-8 M3-4 Hively Ave M1-5 M5-1(L) | DETOUR West X044-8 M3-4 Hively Ave M1-5 M6-1(L) |
| (F) | (G) | (H) | (I) | (J) |
| END DETOUR East X044-8 M3-2 Hively Ave M5-1(R) | END DETOUR West X044-8 M3-4 Hively Ave M5-1(L) | (K) | (L) | (M) |
| (K) | (L) | (M) | (N) | (O) |
| ROAD CLOSED AHEAD XW20-3 (P) | DETOUR AHEAD XW20-2 | ROAD CLOSED TO THRU TRAFFIC R11-4 w/ Type III-B Barricade w/ Type 24 Lights | ROAD CLOSED R11-2 w/ Type III-A Barricade w/ Type 24 Lights | |



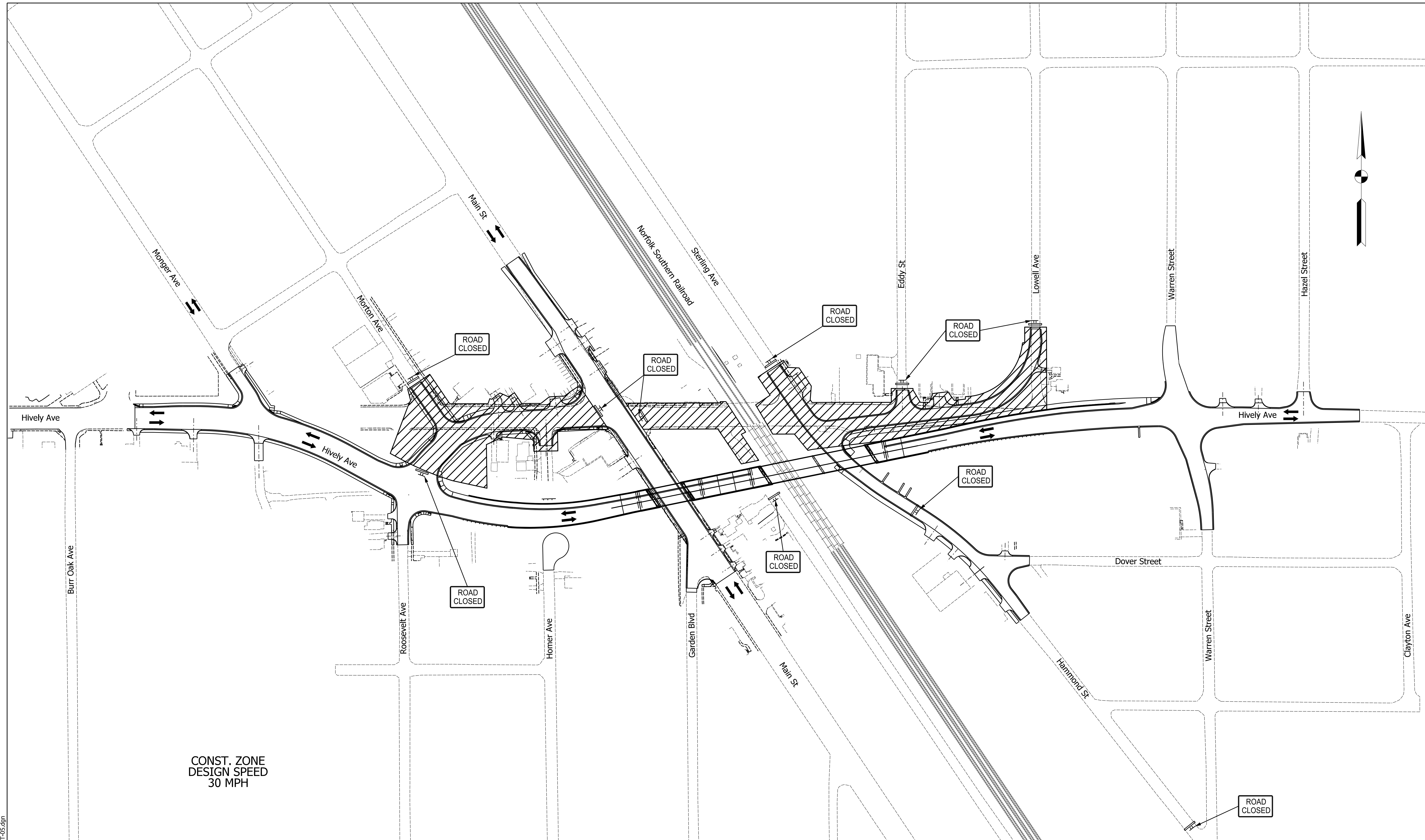
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| RECOMMENDED FOR APPROVAL _____ | DESIGN ENGINEER _____ | DATE _____ |
| DESIGNED: MJS | DRAWN: MJS | |
| CHECKED: JMM | CHECKED: JMM | |

INDIANA
DEPARTMENT OF TRANSPORTATION

**MAINTENANCE OF TRAFFIC
DETOUR MAP
PHASE 2**

| | |
|-------------------------|------------------------|
| HORIZONTAL SCALE N/A | BRIDGE FILE N/A |
| VERTICAL SCALE N/A | DESIGNATION 1801933 |
| SURVEY BOOK N/A | SHEETS 15 of 151 |
| CONTRACT B-41845 | PROJECT 1801933 |

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LEGEND

| | | | |
|--|-------------------|--|--------------------------------|
| | CONSTRUCTION SIGN | | BARRICADE, TYPE III-A OR III-B |
| | CONSTRUCTION AREA | | DIRECTION OF TRAFFIC |

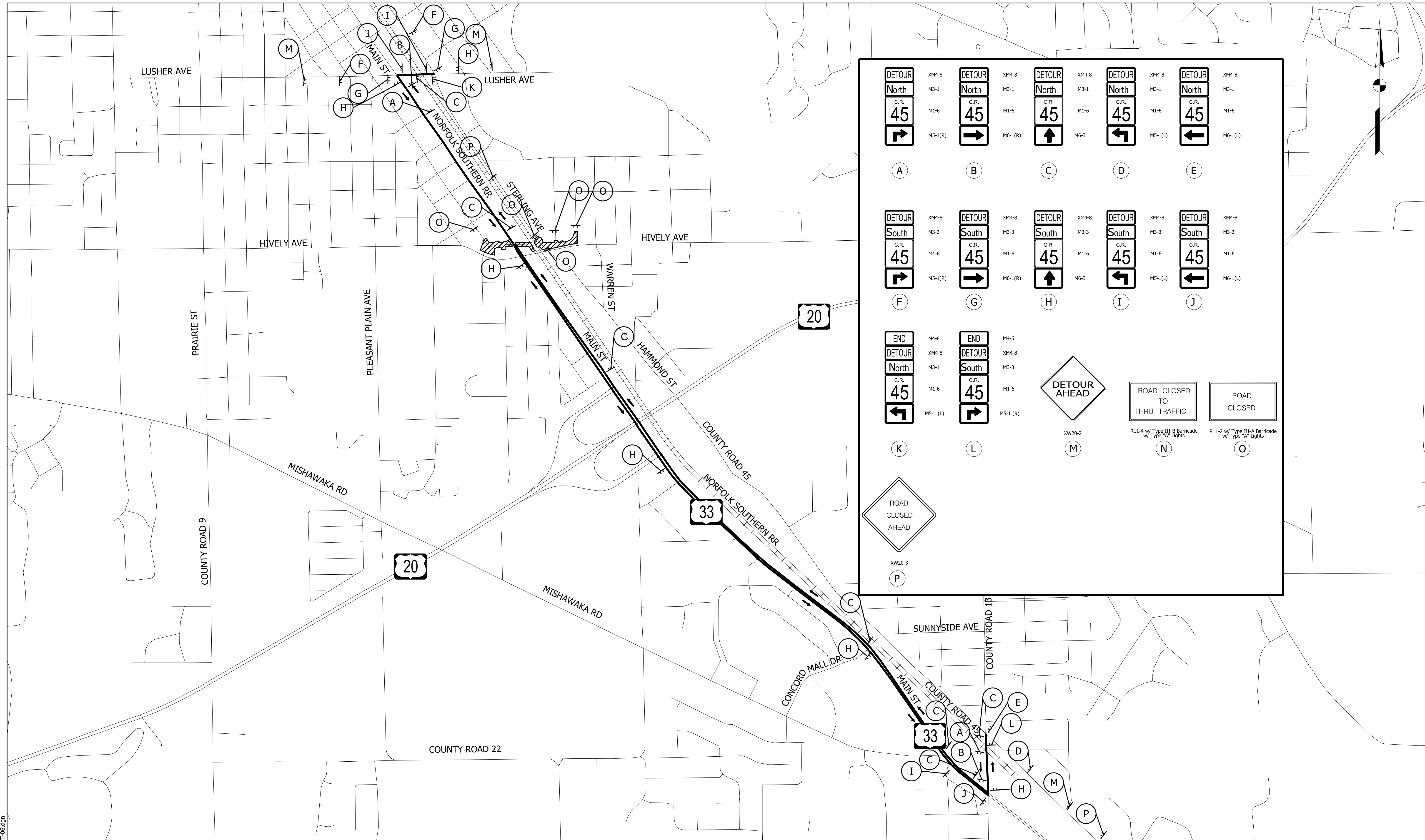
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| RECOMMENDED FOR APPROVAL _____ | DESIGN ENGINEER _____ | DATE _____ |
| DESIGNED: MJS | DRAWN: MJS | |
| CHECKED: JMM | CHECKED: JMM | |

INDIANA
DEPARTMENT OF TRANSPORTATION

**MAINTENANCE OF TRAFFIC
PHASE 3**

| | |
|-------------------------------|------------------------|
| HORIZONTAL SCALE 1" = 100' | BRIDGE FILE N/A |
| VERTICAL SCALE N/A | DESIGNATION 1801933 |
| SURVEY BOOK N/A | SHEETS 16 of 151 |
| CONTRACT B-41845 | PROJECT 1801933 |

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| LEGEND | |
|--------|------------------|
| | WORK AREA |
| | DETOUR DIRECTION |

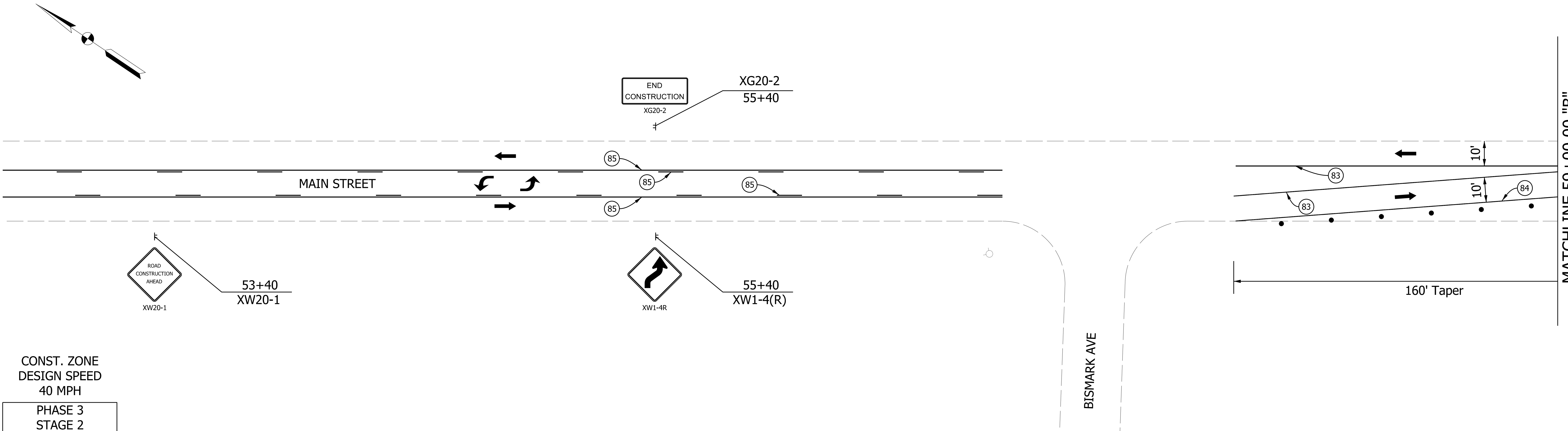
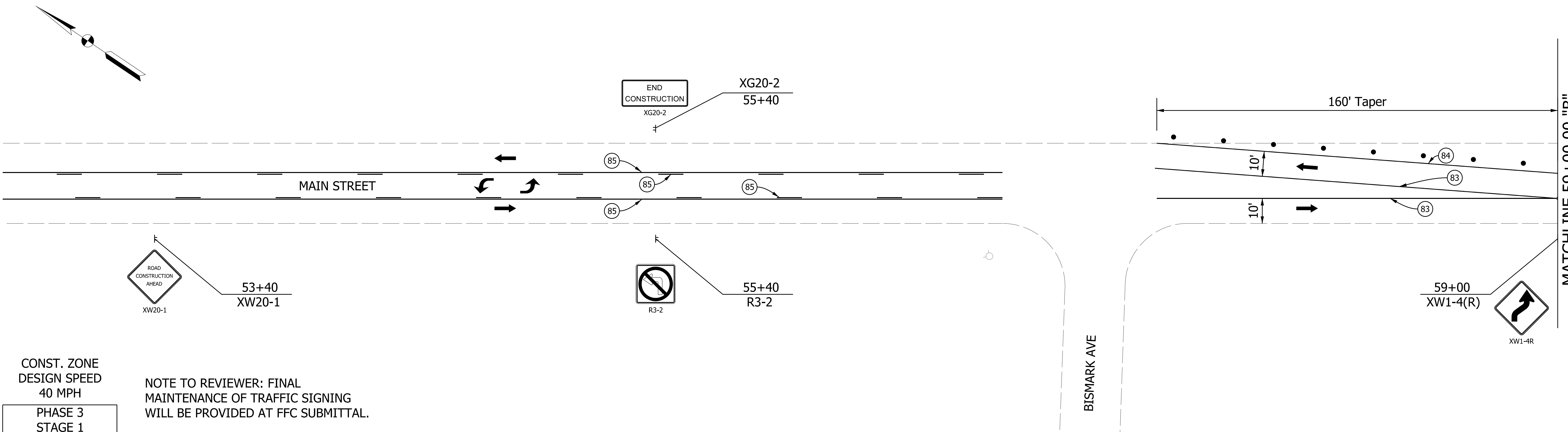
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| RECOMMENDED FOR APPROVAL _____ | DESIGN ENGINEER _____ | DATE _____ |
| DESIGNED: MJS | DRAWN: MJS | |
| CHECKED: JMM | CHECKED: JMM | |

INDIANA
DEPARTMENT OF TRANSPORTATION

**MAINTENANCE OF TRAFFIC
DETOUR MAP
PHASE 3**

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| N/A | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1801933 |
| SURVEY BOOK | SHEETS |
| N/A | 17 of 151 |
| CONTRACT | PROJECT |
| B-41845 | 1801933 |

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LEGEND

- ⚡ CONSTRUCTION SIGN
- ▨ CONSTRUCTION AREA
- ▩ CONSTRUCTION AREA UNDER SINGLE LANE CLOSURE & FLAGGER CONTROL
- BARRICADE, TYPE III-A OR III-B
- ➔ DIRECTION OF TRAFFIC
- DRUM (40' SPACING IN TANGENT, 20' SPACING IN TAPER)
- ⓪ TEMP. PAVEMENT MARKING, YELLOW, 4"
- Ⓛ TEMP. PAVEMENT MARKING, WHITE, 4"
- Ⓜ TEMP. PAVEMENT MARKING, REMOVABLE, YELLOW, 4"
- Ⓢ TEMP. PAVEMENT MARKING, REMOVABLE, WHITE, 4"
- Ⓟ EX. PAVEMENT MARKING, YELLOW
- Ⓠ EX. PAVEMENT MARKING, WHITE

| | | |
|--------------------------|-----------------|------|
| RECOMMENDED FOR APPROVAL | DESIGN ENGINEER | DATE |
| DESIGNED: MJS | DRAWN: MJS | |
| CHECKED: JMM | CHECKED: JMM | |

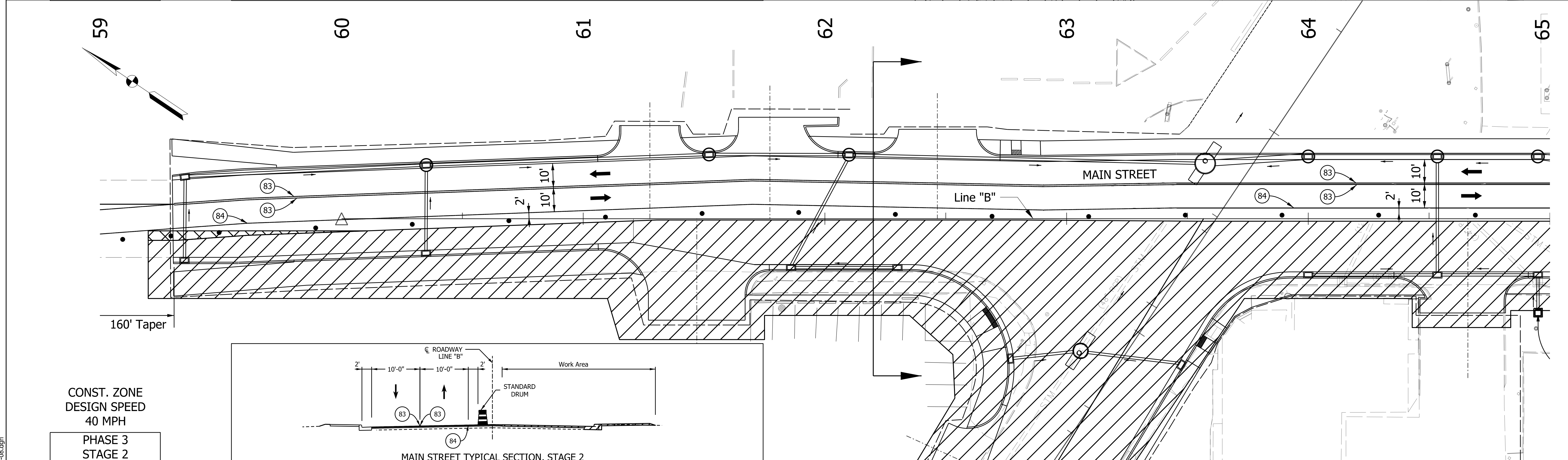
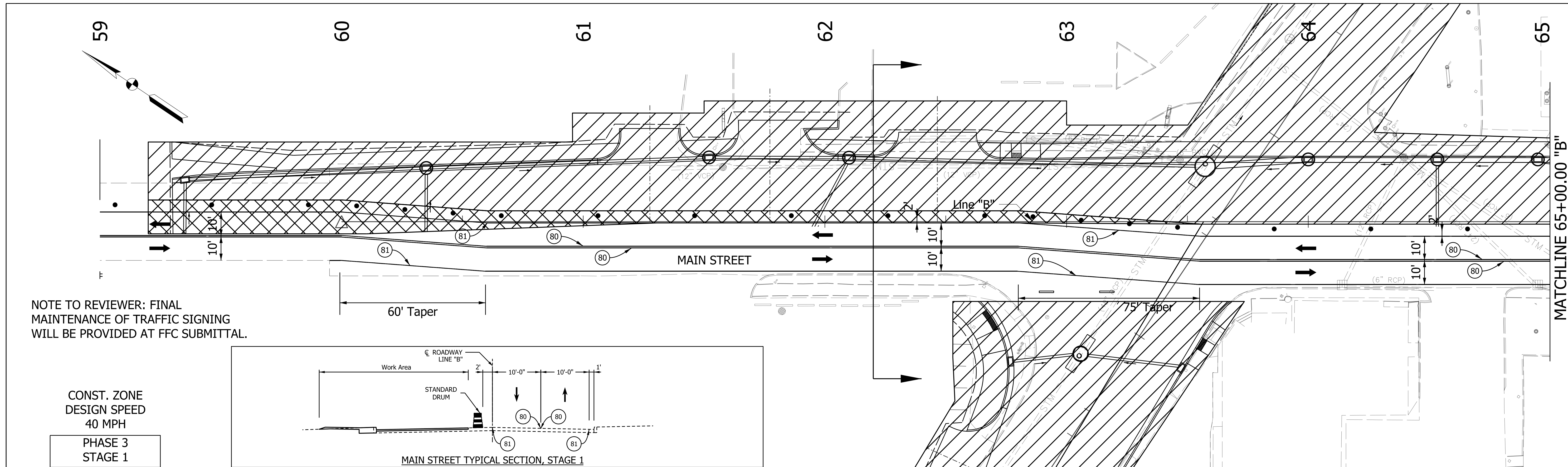
INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC LINE "B"

STA. 53+00.00 TO STA. 59+00.00

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1801933 |
| SURVEY BOOK | SHEETS |
| N/A | 18 of 151 |
| CONTRACT | PROJECT |
| B-41845 | 1801933 |

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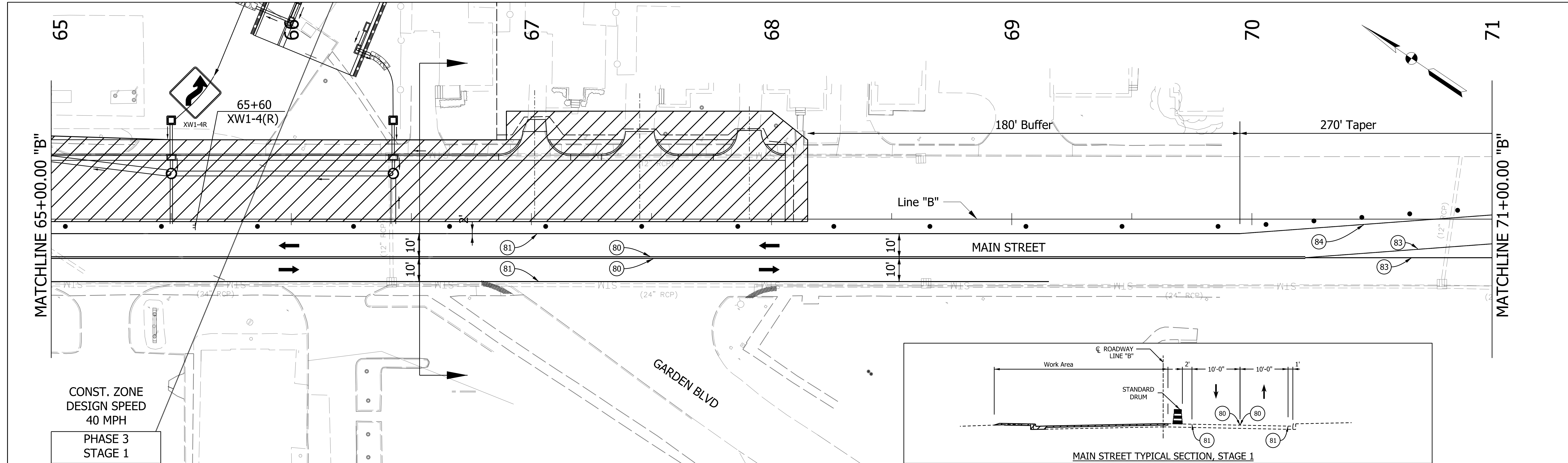
| LEGEND | | TEMP. PAVEMENT MARKING, YELLOW, 4" | | EX. PAVEMENT MARKING, YELLOW | |
|--------|---|------------------------------------|---|------------------------------|-----------------------------|
| ⚡ | CONSTRUCTION SIGN | ⓪ | TEMP. PAVEMENT MARKING, WHITE, 4" | ⓪ | EX. PAVEMENT MARKING, WHITE |
| ▨ | CONSTRUCTION AREA | Ⓛ | TEMP. PAVEMENT MARKING, REMOVABLE, YELLOW, 4" | ⓪ | |
| ▨ | CONSTRUCTION AREA UNDER SINGLE LANE CLOSURE & FLAGGER CONTROL | Ⓜ | TEMP. PAVEMENT MARKING, REMOVABLE, WHITE, 4" | | |
| — | BARRICADE, TYPE III-A OR III-B | | | | |
| → | DIRECTION OF TRAFFIC | | | | |
| ● | DRUM (40' SPACING IN TANGENT, 20' SPACING IN TAPER) | | | | |

| | | |
|--------------------------|-----------------|------|
| RECOMMENDED FOR APPROVAL | DESIGN ENGINEER | DATE |
| DESIGNED: MJS | DRAWN: MJS | |
| CHECKED: JMM | CHECKED: JMM | |

| | |
|--------------------------------------|--|
| INDIANA DEPARTMENT OF TRANSPORTATION | |
| MAINTENANCE OF TRAFFIC LINE "B" | |
| STA. 60+00.00 TO STA. 65+00.00 | |

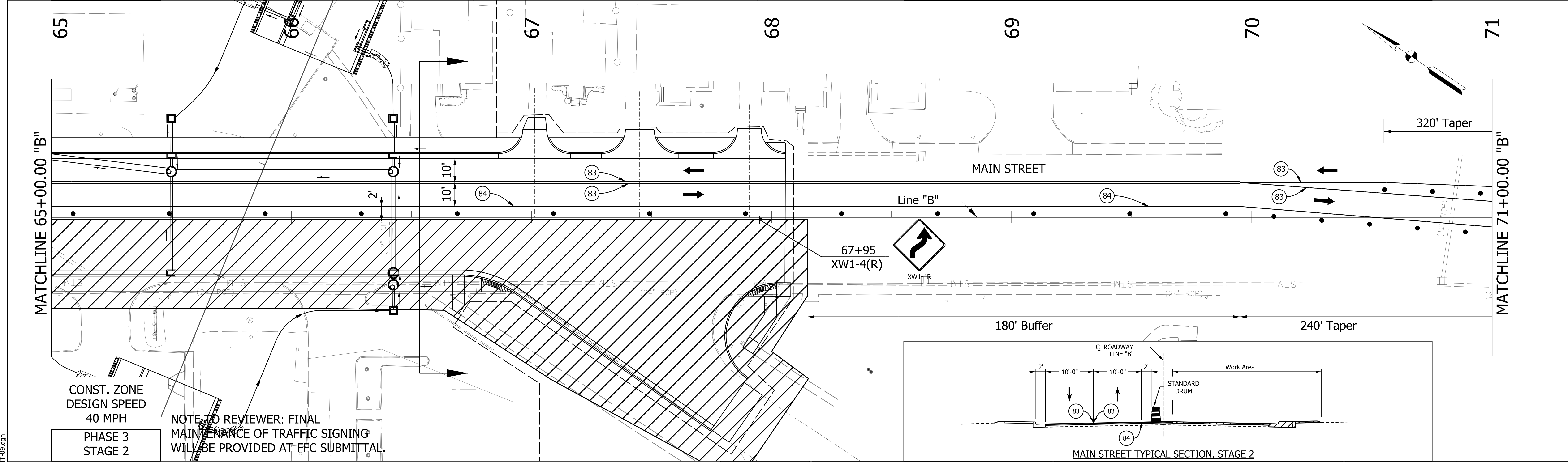
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| HORIZONTAL SCALE 1" = 20' | BRIDGE FILE N/A |
| VERTICAL SCALE N/A | DESIGNATION 1801933 |
| SURVEY BOOK N/A | SHEETS 19 of 151 |
| CONTRACT B-41845 | PROJECT 1801933 |

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CONST. ZONE
DESIGN SPEED
40 MPH
PHASE 3
STAGE 1

MAIN STREET TYPICAL SECTION, STAGE 1



CONST. ZONE
DESIGN SPEED
40 MPH
PHASE 3
STAGE 2

NOTE TO REVIEWER: FINAL
MAINTENANCE OF TRAFFIC
SIGNING WILL BE PROVIDED AT FFC SUBMITTAL.

MAIN STREET TYPICAL SECTION, STAGE 2

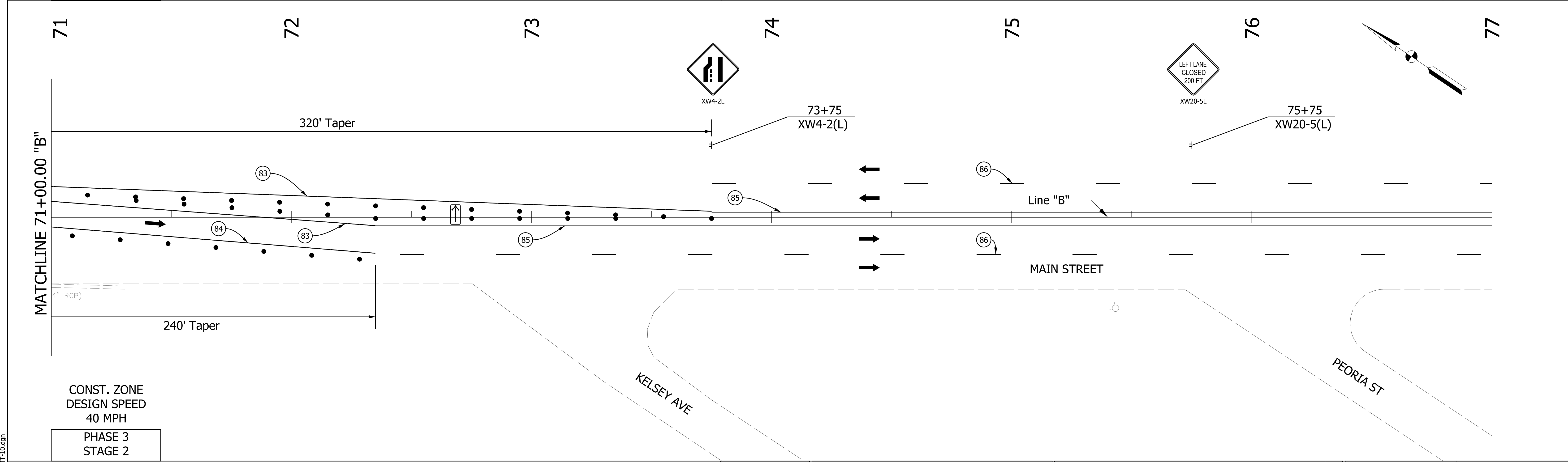
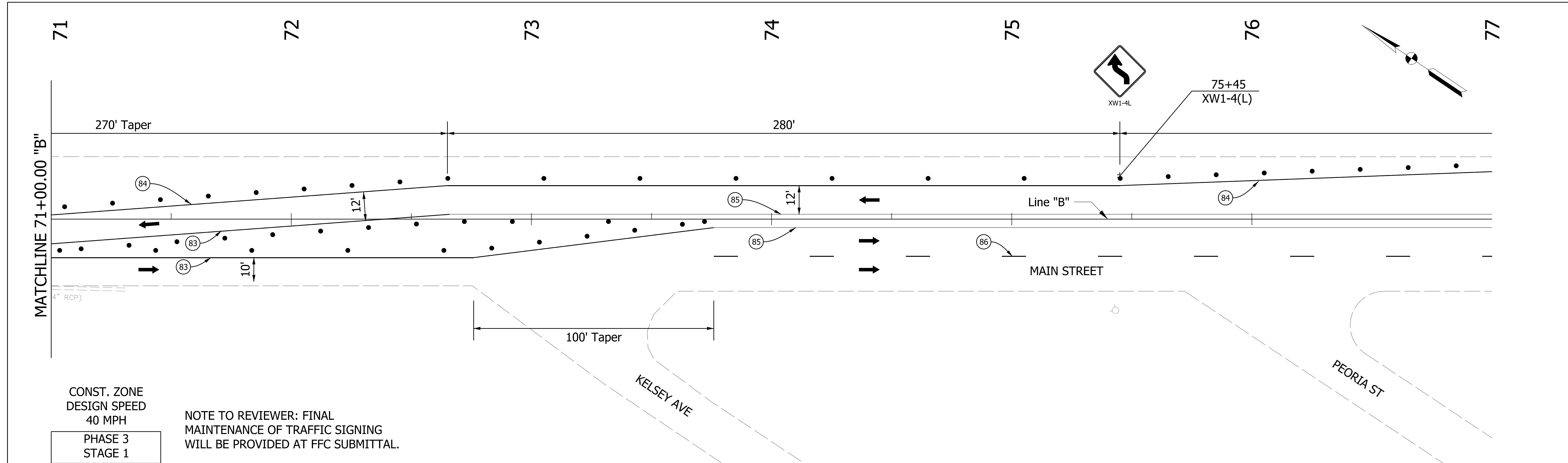
| LEGEND | | | |
|--------|---|--|---|
| | CONSTRUCTION SIGN | | BARRICADE, TYPE III-A OR III-B |
| | CONSTRUCTION AREA | | DIRECTION OF TRAFFIC |
| | CONSTRUCTION AREA UNDER SINGLE LANE CLOSURE & FLAGGER CONTROL | | DRUM (40' SPACING IN TANGENT, 20' SPACING IN TAPER) |
| | TEMP. PAVEMENT MARKING, YELLOW, 4" | | TEMP. PAVEMENT MARKING, WHITE, 4" |
| | TEMP. PAVEMENT MARKING, REMOVABLE, YELLOW, 4" | | TEMP. PAVEMENT MARKING, REMOVABLE, WHITE, 4" |
| | EX. PAVEMENT MARKING, YELLOW | | EX. PAVEMENT MARKING, WHITE |

| | | |
|--------------------------|-----------------|------|
| RECOMMENDED FOR APPROVAL | DESIGN ENGINEER | DATE |
| DESIGNED: MJS | DRAWN: MJS | |
| CHECKED: JMM | CHECKED: JMM | |

| | |
|---|--|
| INDIANA DEPARTMENT OF TRANSPORTATION | |
| MAINTENANCE OF TRAFFIC LINE "B" | |
| STA. 65+00.00 TO STA. 71+00.00 | |

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1801933 |
| SURVEY BOOK | SHEETS |
| N/A | 20 of 151 |
| CONTRACT | PROJECT |
| B-41845 | 1801933 |

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LEGEND

| | | | |
|---|---|---|------------------------------|
| CONSTRUCTION SIGN | BARRICADE, TYPE III-A OR III-B | TEMP. PAVEMENT MARKING, YELLOW, 4" | EX. PAVEMENT MARKING, YELLOW |
| CONSTRUCTION AREA | DIRECTION OF TRAFFIC | TEMP. PAVEMENT MARKING, WHITE, 4" | EX. PAVEMENT MARKING, WHITE |
| CONSTRUCTION AREA UNDER SINGLE LANE CLOSURE & FLAGGER CONTROL | DRUM (40' SPACING IN TANGENT, 20' SPACING IN TAPER) | TEMP. PAVEMENT MARKING, REMOVABLE, YELLOW, 4" | |
| | FLASHING ARROW SIGN | TEMP. PAVEMENT MARKING, REMOVABLE, WHITE, 4" | |

| | | |
|--------------------------|-----------------|------|
| RECOMMENDED FOR APPROVAL | DESIGN ENGINEER | DATE |
| DESIGNED: MJS | DRAWN: MJS | |
| CHECKED: JMM | CHECKED: JMM | |

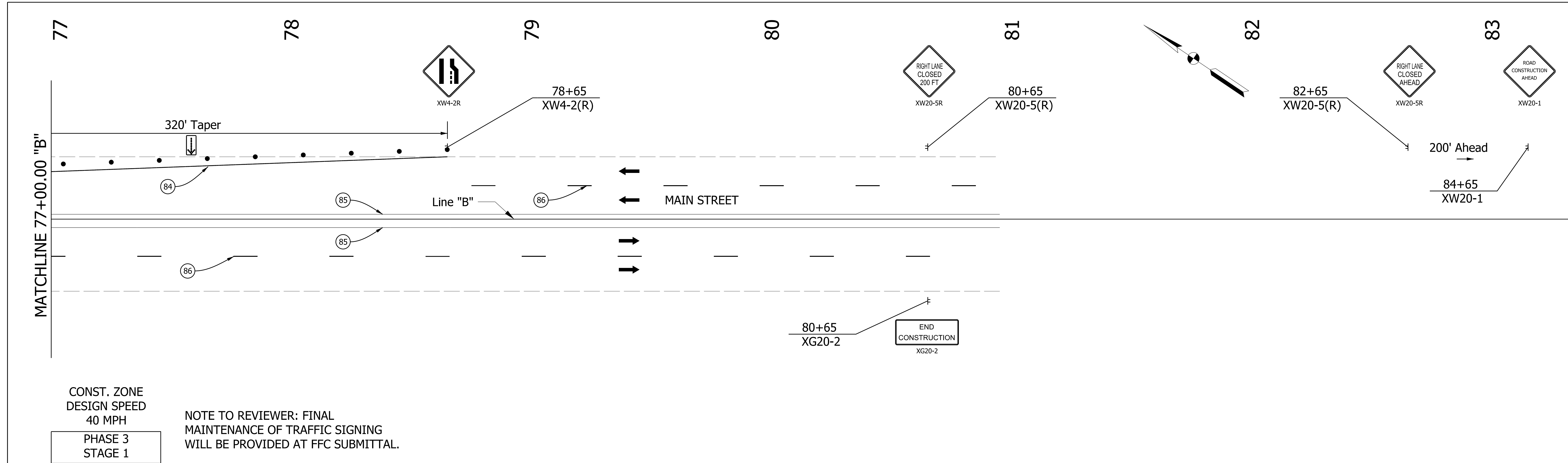
INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC LINE "B"

STA. 71+00.00 TO STA. 77+00.00

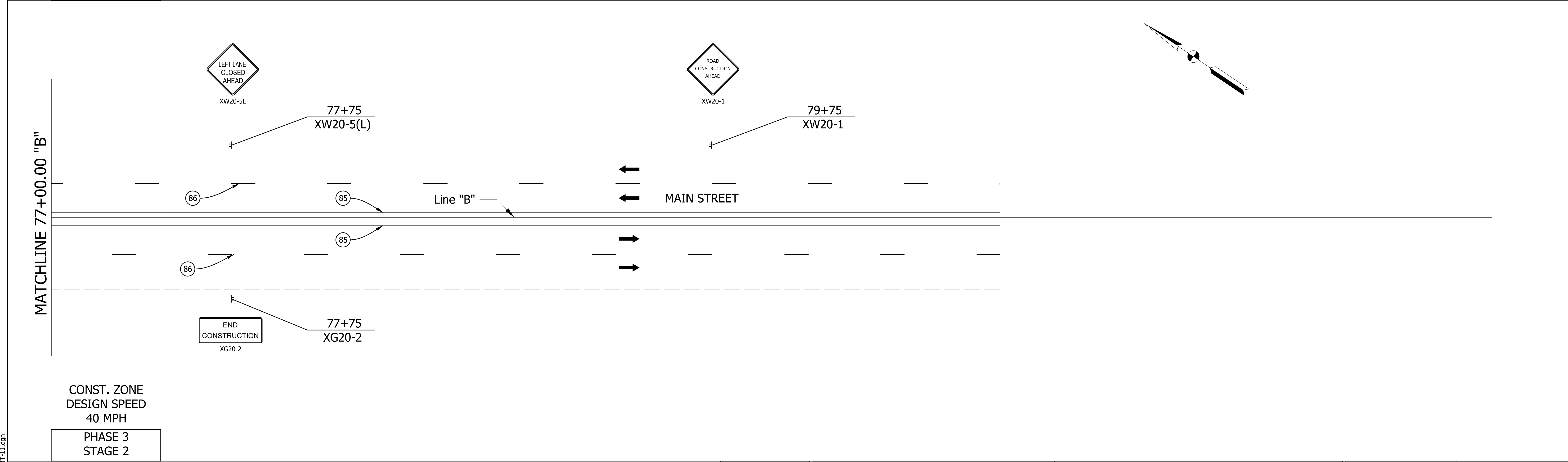
| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1801933 |
| SURVEY BOOK | SHEETS |
| N/A | 21 of 151 |
| CONTRACT | PROJECT |
| B-41845 | 1801933 |

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CONST. ZONE
DESIGN SPEED
40 MPH
PHASE 3
STAGE 1

NOTE TO REVIEWER: FINAL
MAINTENANCE OF TRAFFIC SIGNING
WILL BE PROVIDED AT FFC SUBMITTAL.



CONST. ZONE
DESIGN SPEED
40 MPH
PHASE 3
STAGE 2

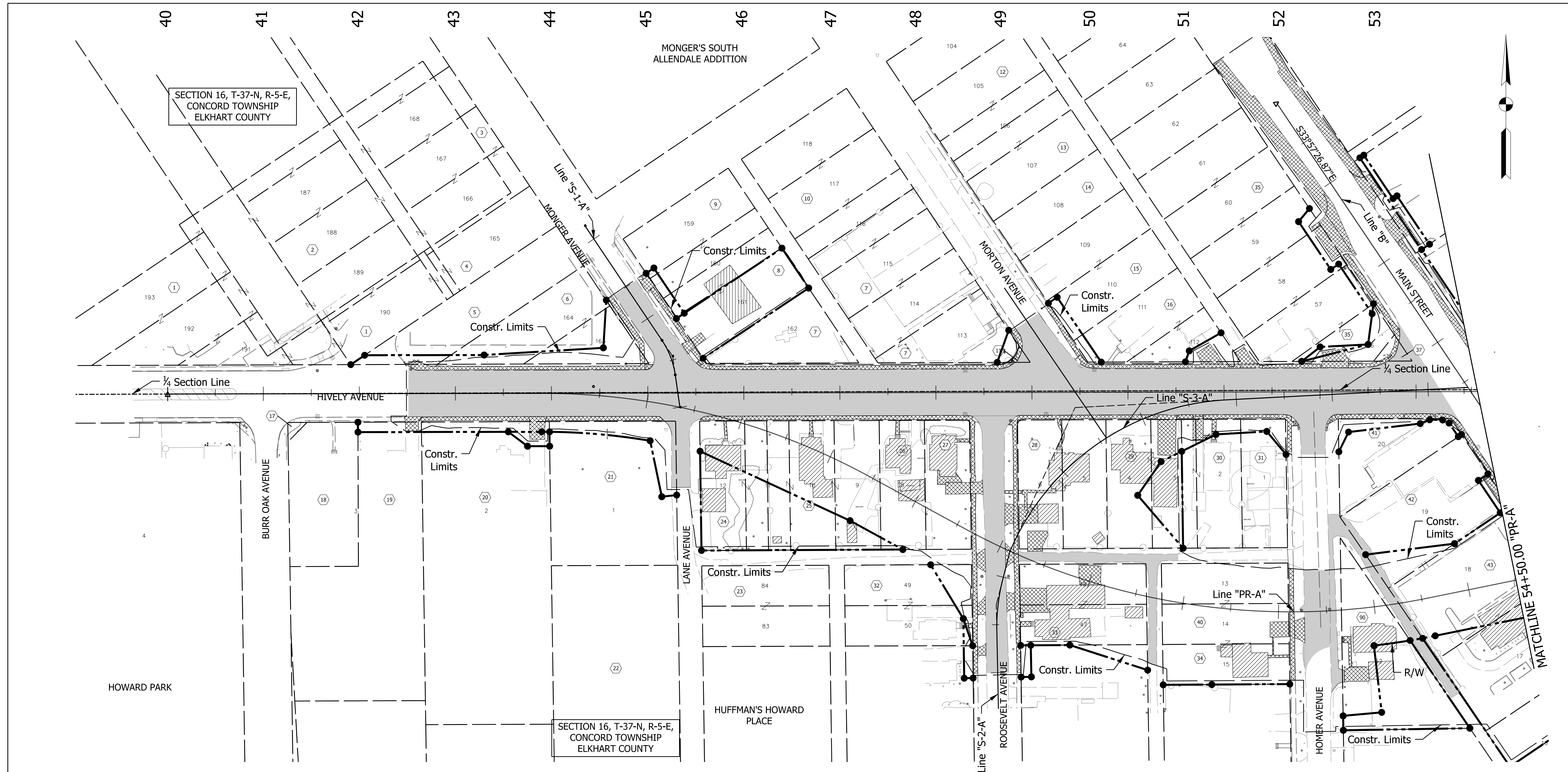
| LEGEND | | | |
|--------|---|--|---|
| | CONSTRUCTION SIGN | | BARRICADE, TYPE III-A OR III-B |
| | CONSTRUCTION AREA | | DIRECTION OF TRAFFIC |
| | CONSTRUCTION AREA UNDER SINGLE LANE CLOSURE & FLAGGER CONTROL | | DRUM (40' SPACING IN TANGENT, 20' SPACING IN TAPER) |
| | FLASHING ARROW SIGN | | TEMP. PAVEMENT MARKING, YELLOW, 4" |
| | | | TEMP. PAVEMENT MARKING, WHITE, 4" |
| | | | TEMP. PAVEMENT MARKING, REMOVABLE, YELLOW, 4" |
| | | | TEMP. PAVEMENT MARKING, REMOVABLE, WHITE, 4" |
| | | | EX. PAVEMENT MARKING, YELLOW |
| | | | EX. PAVEMENT MARKING, WHITE |

| | | |
|--------------------------|-----------------|------|
| RECOMMENDED FOR APPROVAL | DESIGN ENGINEER | DATE |
| DESIGNED: MJS | DRAWN: MJS | |
| CHECKED: JMM | CHECKED: JMM | |

INDIANA
DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC
LINE "B"
STA. 77+00.00 TO STA. 83+00.00

| HORIZONTAL SCALE | | BRIDGE FILE | |
|------------------|--|-------------|--------|
| 1" = 20' | | N/A | |
| VERTICAL SCALE | | DESIGNATION | |
| N/A | | 1801933 | |
| SURVEY BOOK | | SHEETS | |
| N/A | | 22 | of 151 |
| CONTRACT | | PROJECT | |
| B-41845 | | 1801933 | |

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- | | | | | | | |
|--|---|---|---------------------------------|----------------------------------|--|---|
| 1 ELKHART COMMUNITY SCHOOLS | 2 ELKHART COMMUNITY SCHOOLS | 3 ELKHART COMMUNITY SCHOOLS | 4 ELKHART COMMUNITY SCHOOLS | 5 ELKHART COMMUNITY SCHOOLS | 6 ELKHART COMMUNITY SCHOOLS | 7 UNIQUE OUTREACH MINISTRY, INC. |
| 8 MARIO & REVECA GALINDO | 9 CARLOS CUAHUITZO | 10 DOLLY L. GREGORY | 11 CITY OF ELKHART | 12 SHARON R. TAYLOR | 13 VICTORIA L. COCKERHAM & ALBERTA COCKERHAM | 14 SSSTING, LLC |
| 15 CHAD M. MILLER | 16 BLANCA E. CARDOSO | 17 CITY OF ELKHART | 18 CHRISTY A. ALLEN | 19 ELSY M. RODRIGUEZ de QUINONEZ | 20 MISSIONARY CHURCH, NORTH CENTRAL DISTRICT, INC. | 21 THE INDIANA CONFERENCE OF THE UNITED MISSIONARY CHURCH, INC. |
| 22 THE INDIANA CONFERENCE OF THE UNITED MISSIONARY CHURCH INC. | 23 THE INDIANA CONFERENCE OF THE UNITED MISSIONARY CHURCH, INC. | 24 RICK A ROBINSON, LYLE D. SNOODGRASS & VIRGINIA J. SNOODGRASS | 25 WILLIAM L. & KATHY L. DAVIES | 26 MICHAEL & NANCY B. BONEWITZ | 27 HEAP SONG PAV | 28 LOYD FOUST & ROSINA MUNAKAMPE-FOUST |
| 29 RUSSELL E. & ANGELA JOHNSON | 30 DEWAYNE & RUBY MILLER | 31 MARLIN & LOIS MARTIN | 32 RICHARD A. CROWE | 33 EDWIN PINEDA & NATALY CORTES | 34 HUDSON STREET PROPERTIES, LLC | 35 JORGE TREJO |
| 37 CITY OF ELKHART | 40 HUDSON STREET PROPERTIES, LLC | 41 MARLIN & LOIS MARTIN | 42 FRANCES E. HUNTER | 43 CHAMP 84 ENTERPRISES, LLC | | |

LEGEND

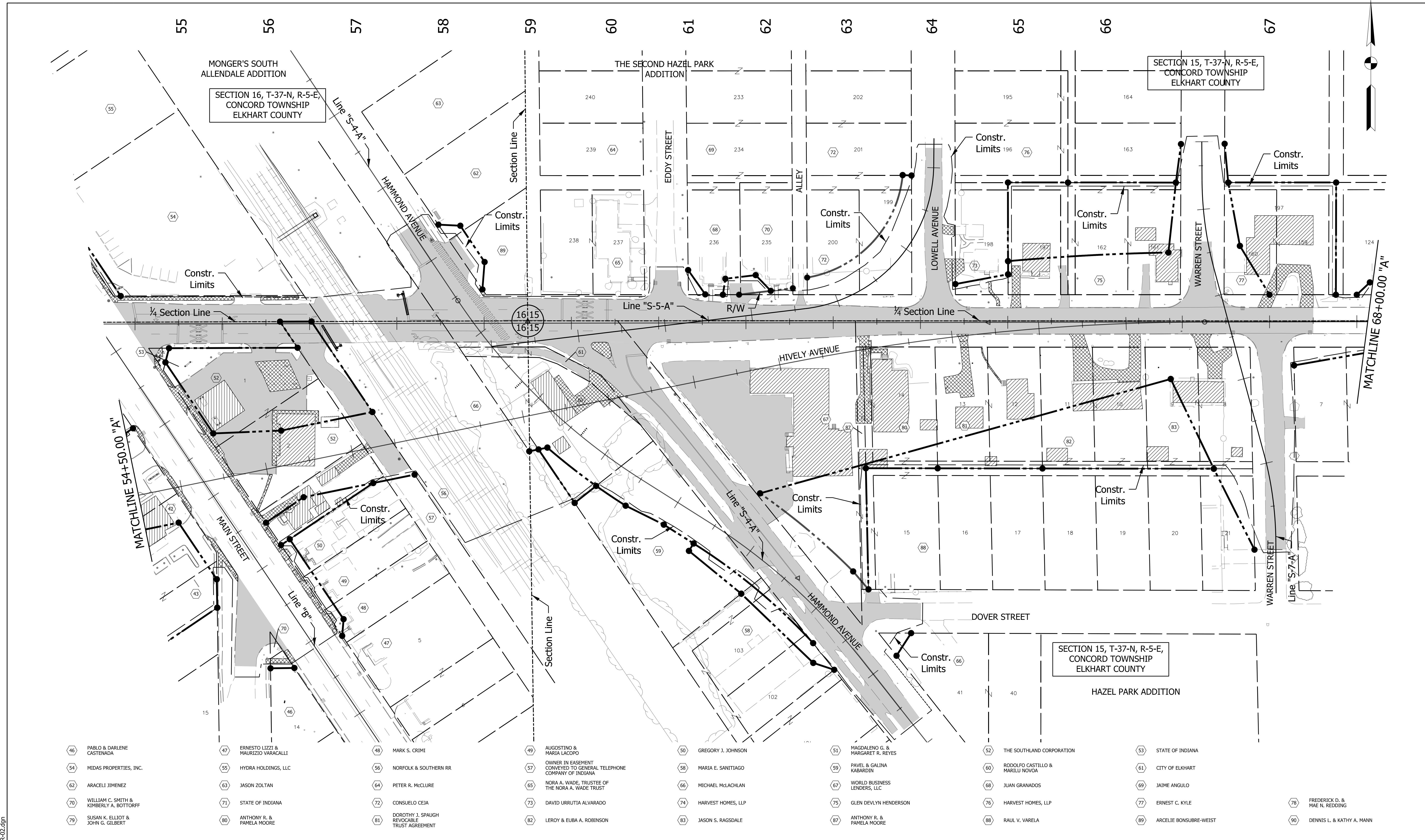
- HMA & PAVEMENT REMOVAL
- BUILDING REMOVAL
- CONCRETE REMOVAL

| | | |
|--------------------------------|-----------------------|------------|
| RECOMMENDED FOR APPROVAL _____ | DESIGN ENGINEER _____ | DATE _____ |
| DESIGNED: _____ KPM | DRAWN: _____ KPM | |
| CHECKED: _____ JMM | CHECKED: _____ JMM | |

**INDIANA
DEPARTMENT OF TRANSPORTATION**

REMOVAL DETAILS
STA. 40+00.00 "A" TO STA. 54+50.00 "PR-A"

| | |
|------------------------------|------------------------|
| HORIZONTAL SCALE 1" = 50' | BRIDGE FILE N/A |
| VERTICAL SCALE N/A | DESIGNATION 1801933 |
| SURVEY BOOK N/A | SHEETS 23 of 151 |
| CONTRACT B-41845 | PROJECT 1801933 |



- 46 PABLO & DARLENE CASTENADA
- 47 ERNESTO LIZZI & MAURIZIO VARACALLI
- 48 MARK S. CRIMI
- 49 AUGUSTINO & MARIA LACOPO
- 50 GREGORY J. JOHNSON
- 51 MAGDALENO G. & MARGARET R. REYES
- 52 THE SOUTHLAND CORPORATION
- 53 STATE OF INDIANA
- 54 MIDAS PROPERTIES, INC.
- 55 HYDRA HOLDINGS, LLC
- 56 NORFOLK & SOUTHERN RR
- 57 OWNER IN EASEMENT CONVEYED TO GENERAL TELEPHONE COMPANY OF INDIANA
- 58 MARIA E. SANIAGO
- 59 PAVEL & GALINA KABARDIN
- 60 RODOLFO CASTILLO & MARILU NOVQA
- 61 CITY OF ELKHART
- 62 ARACELI JIMENEZ
- 63 JASON ZOLTAN
- 64 PETER R. McCLURE
- 65 NORA A. WADE, TRUSTEE OF THE NORA A. WADE TRUST
- 66 MICHAEL McLACHLAN
- 67 WORLD BUSINESS LENDERS, LLC
- 68 JUAN GRANADOS
- 69 JAIME ANGULO
- 70 WILLIAM C. SMITH & KIMBERLY A. BOTTORFF
- 71 STATE OF INDIANA
- 72 CONSUELO CEJA
- 73 DAVID URRUTIA ALVARADO
- 74 HARVEST HOMES, LLP
- 75 GLEN DEVLYN HENDERSON
- 76 HARVEST HOMES, LLP
- 77 ERNEST C. KYLE
- 78 FREDERICK D. & MAE N. REDDING
- 79 SUSAN K. ELLIOT & JOHN G. GILBERT
- 80 ANTHONY R. & PAMELA MOORE
- 81 DOROTHY J. SPAUGH REVOCABLE TRUST AGREEMENT
- 82 LEROY & EUBA A. ROBINSON
- 83 JASON S. RAGSDALE
- 87 ANTHONY R. & PAMELA MOORE
- 88 RAUL V. VARELA
- 89 ARCELIE BONSUBRE-WEIST
- 90 DENNIS L. & KATHY A. MANN

LEGEND

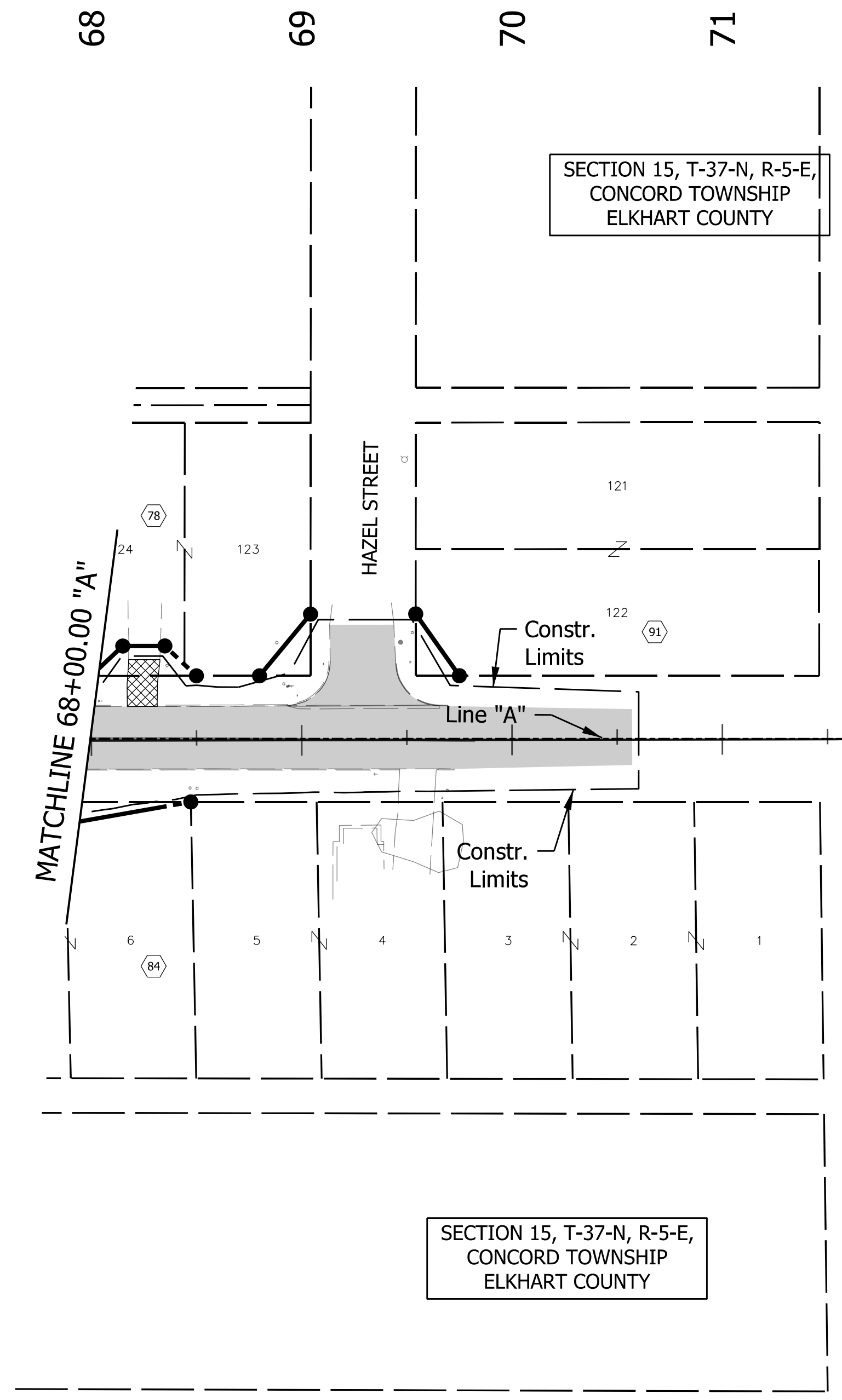
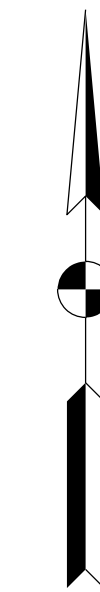
- HMA & PAVEMENT REMOVAL
- BUILDING REMOVAL
- CONCRETE REMOVAL

| | |
|--------------------------------|----------------------------------|
| RECOMMENDED FOR APPROVAL _____ | DESIGN ENGINEER _____ DATE _____ |
| DESIGNED: _____ KPM | DRAWN: _____ KPM |
| CHECKED: _____ JMM | CHECKED: _____ JMM |

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**REMOVAL DETAILS
STA. 54+50.00 "PR-A" TO STA. 68+00.00 "A"**

| | |
|------------------------------|------------------------|
| HORIZONTAL SCALE 1" = 50' | BRIDGE FILE N/A |
| VERTICAL SCALE N/A | DESIGNATION 1801933 |
| SURVEY BOOK N/A | SHEETS 24 of 151 |
| CONTRACT B-41845 | PROJECT 1801933 |



P.I. = 72+21.07
P.I. = 72+25.93

¼ Section Line

HAZEL PARK ADDITION

SECTION 15, T-37-N, R-5-E,
CONCORD TOWNSHIP
ELKHART COUNTY

SECTION 15, T-37-N, R-5-E,
CONCORD TOWNSHIP
ELKHART COUNTY

- 78 FREDERICK D. & MAE N. REDDING
- 84 IMOGENE M. YOUNG
- 91 SUSAN K. ELLIOT & JOHN G. GILBERT

LEGEND

| | |
|--|------------------------|
| | HMA & PAVEMENT REMOVAL |
| | BUILDING REMOVAL |
| | CONCRETE REMOVAL |

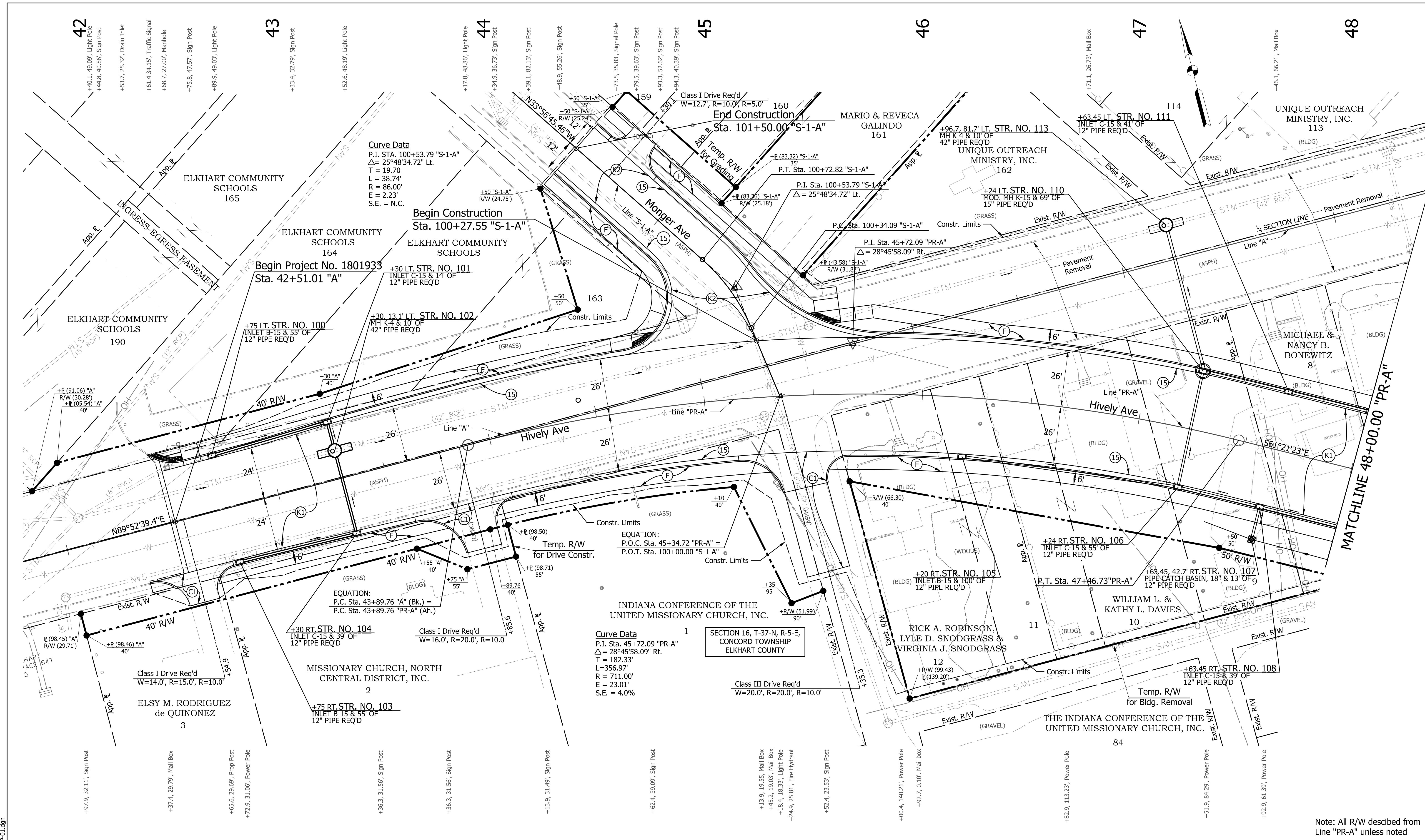
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|--------------------------------|-----------------------|------------|
| RECOMMENDED FOR APPROVAL _____ | DESIGN ENGINEER _____ | DATE _____ |
| DESIGNED: LEJ | DRAWN: LEJ | |
| CHECKED: JMM | CHECKED: JMM | |

INDIANA
DEPARTMENT OF TRANSPORTATION

REMOVAL DETAILS
STA. 68+00.00 "A" TO STA. 70+57.07 "A"

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 50' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1801933 |
| SURVEY BOOK | SHEETS |
| N/A | 25 of 151 |
| CONTRACT | PROJECT |
| B-41845 | 1801933 |

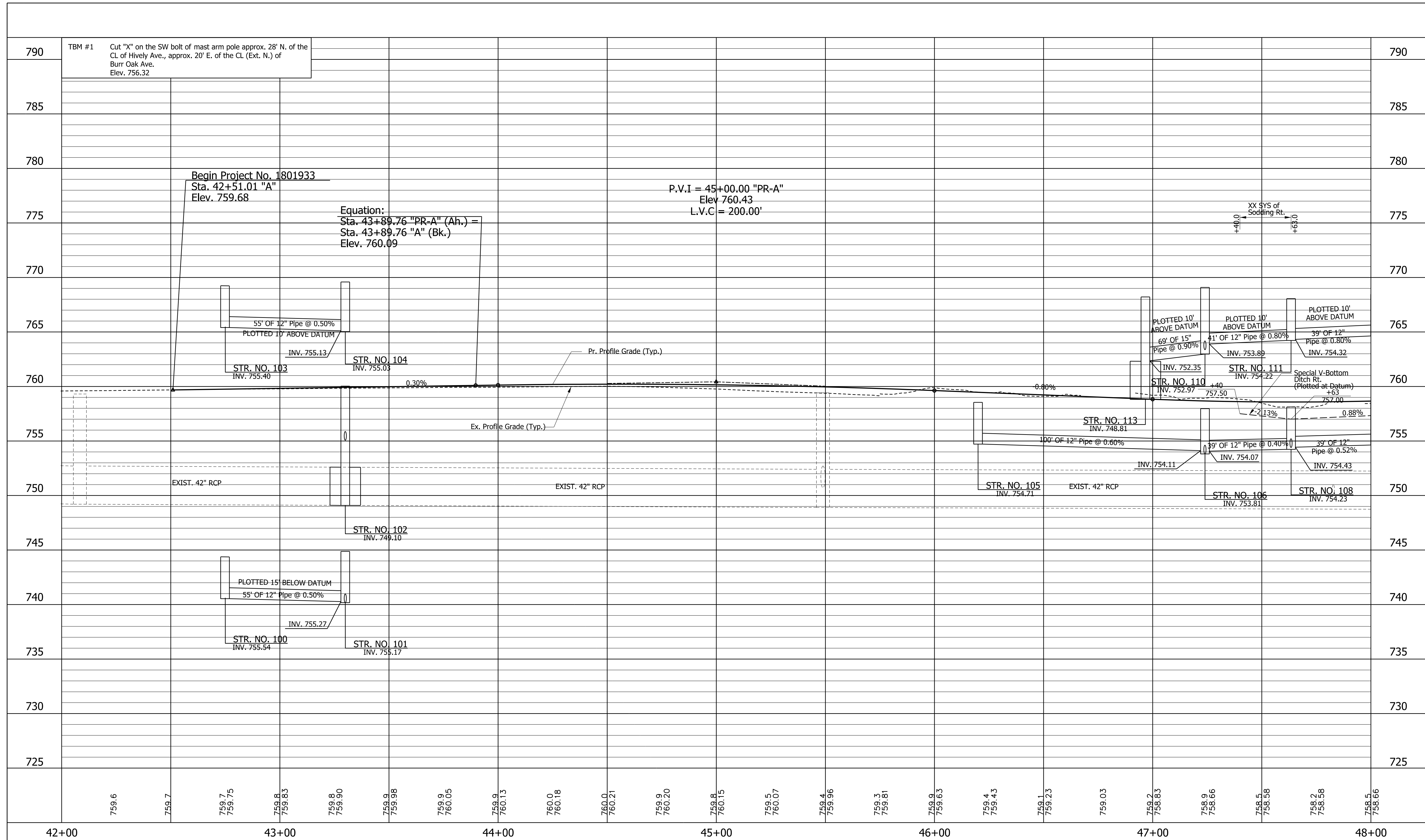
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| | | | | | | | | | | | | | |
|---|--|--|--|---|--|--|--|--|--|--|--|---|--|
| LEGEND (K) 165 #/SY OC/OA-HMA, 3, 70, SURFACE, 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON 300 #/SY OC/OA-HMA, 4, 76, INTERM., OC 19.0 mm ON 6" OF COMPACTED AGGREGATE, NO. 53, ON SUBGRADE TREATMENT, TYPE IBC (OR AS NOTED) (A) HMA FOR APPROACHES 165 #/SY OC/OA-HMA, 3, 70, SURFACE 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON 300 #/SY OC/OA-HMA, 4, 76, INTERM., OC 19.0 mm ON SUBGRADE TREATMENT, TYPE ID (L) 6" PCCP FOR APPROACH ON DENSE GRADED SUBBASE ON SUBGRADE TREATMENT TYPE II (F) SIDEWALK, CONCRETE, 4" | | (K) 165 #/SY OC/OA-HMA, 3, 70, SURFACE, 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON 6" OF COMPACTED AGGREGATE, NO. 53, ON SUBGRADE TREATMENT, TYPE IBC (OR AS NOTED) (A) HMA FOR APPROACHES 165 #/SY OC/OA-HMA, 3, 70, SURFACE 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON SUBGRADE TREATMENT, TYPE ID (L) 6" PCCP FOR APPROACH ON DENSE GRADED SUBBASE ON SUBGRADE TREATMENT TYPE II (F) SIDEWALK, CONCRETE, 4" | | (1) 9" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOGRID TYPE 18, ON SUBGRADE TREATMENT TYPE II (2) RAILING, PS-1 (3) CONCRETE RAILING, FT (4) SAWCUT (5) COMBINED CONCRETE CURB AND GUTTER, MODIFIED 1 | | (16) COMBINED CONCRETE CURB AND GUTTER, MODIFIED 2 SODDING (NURSERY) (26) SEED MIXTURE, U (29) EROSION CONTROL BLANKET (30) MSE RETAINING WALL REINFORCED CONCRETE MOMENT SLAB, XX" | | INDIANA DEPARTMENT OF TRANSPORTATION PLAN STA. 42+00.00 "A" TO STA. 48+00.00 "PR-A" | | HORIZONTAL SCALE 1" = 20' VERTICAL SCALE N/A SURVEY BOOK N/A CONTRACT B-41845 | | BRIDGE FILE N/A DESIGNATION 1801933 SHEETS 26 of 151 PROJECT 1801933 | |
| RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____ DESIGNED: MJS CHECKED: JMM | | _____ DRAWN: MJS CHECKED: JMM | | _____ DATE _____ _____ _____ | | _____ _____ _____ _____ | | _____ _____ _____ _____ | | _____ _____ _____ _____ | | | |

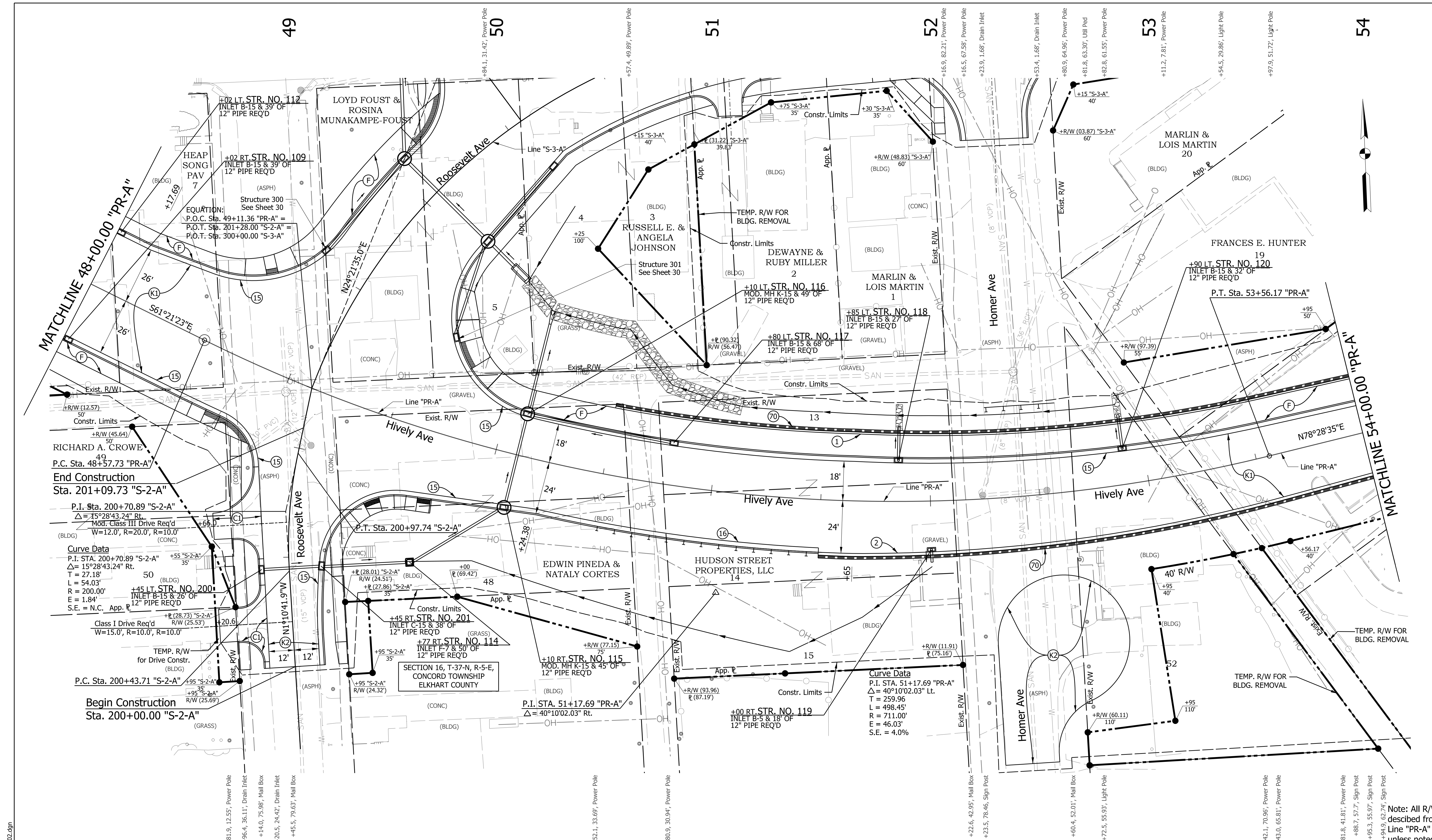
Note: All R/W described from Line "PR-A" unless noted

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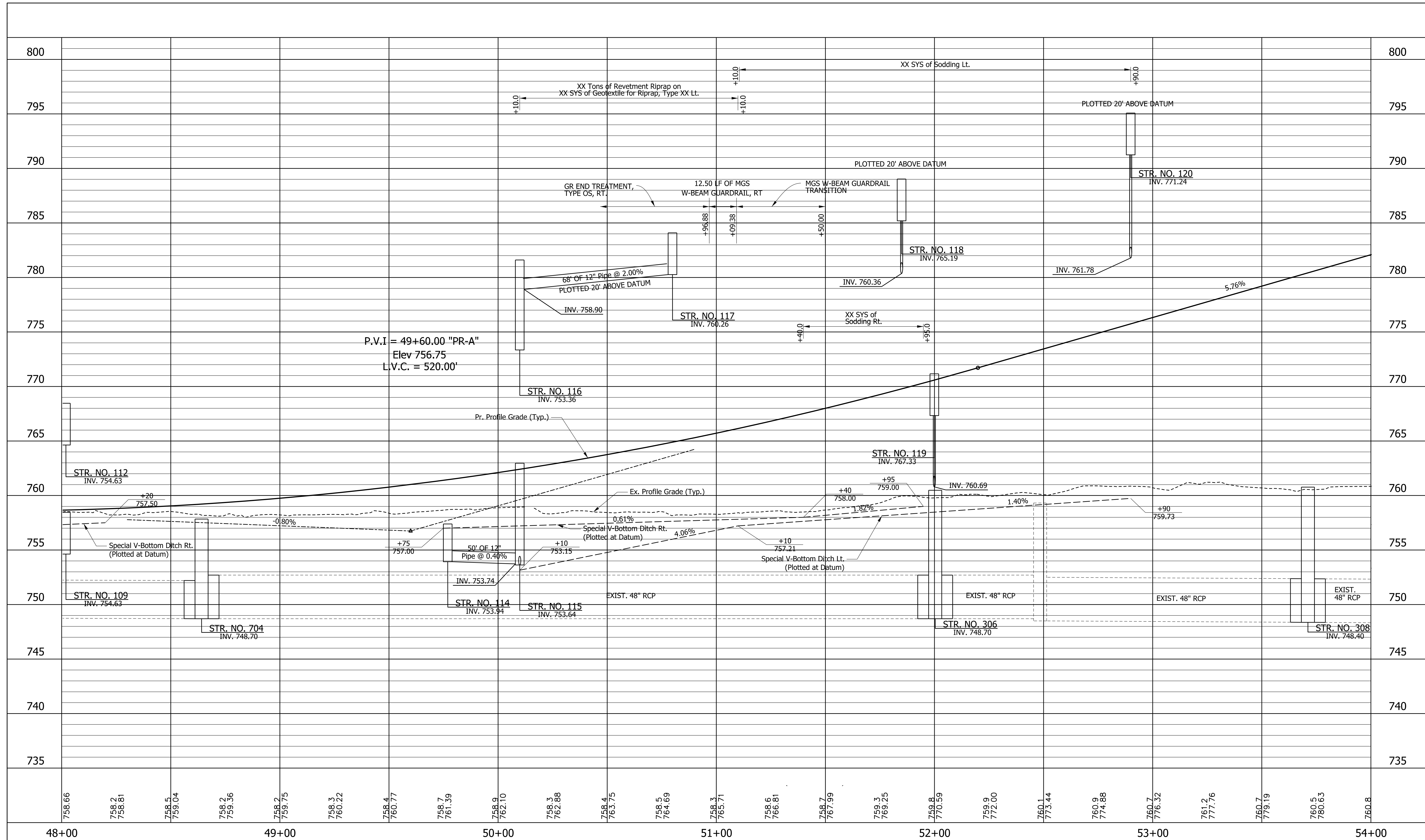


| | | | |
|--|---|--|---|
| | INDIANA DEPARTMENT OF TRANSPORTATION | HORIZONTAL SCALE 1"=20' BRIDGE FILE N/A | VERTICAL SCALE 1"=5' DESIGNATION 1801933 |
| | PROFILE STA. 42+00.00 "PR-A" TO STA. 48+00.00 "PR-A" | SURVEY BOOK N/A SHEETS 27 of 151 | CONTRACT B-41845 PROJECT 1801933 |

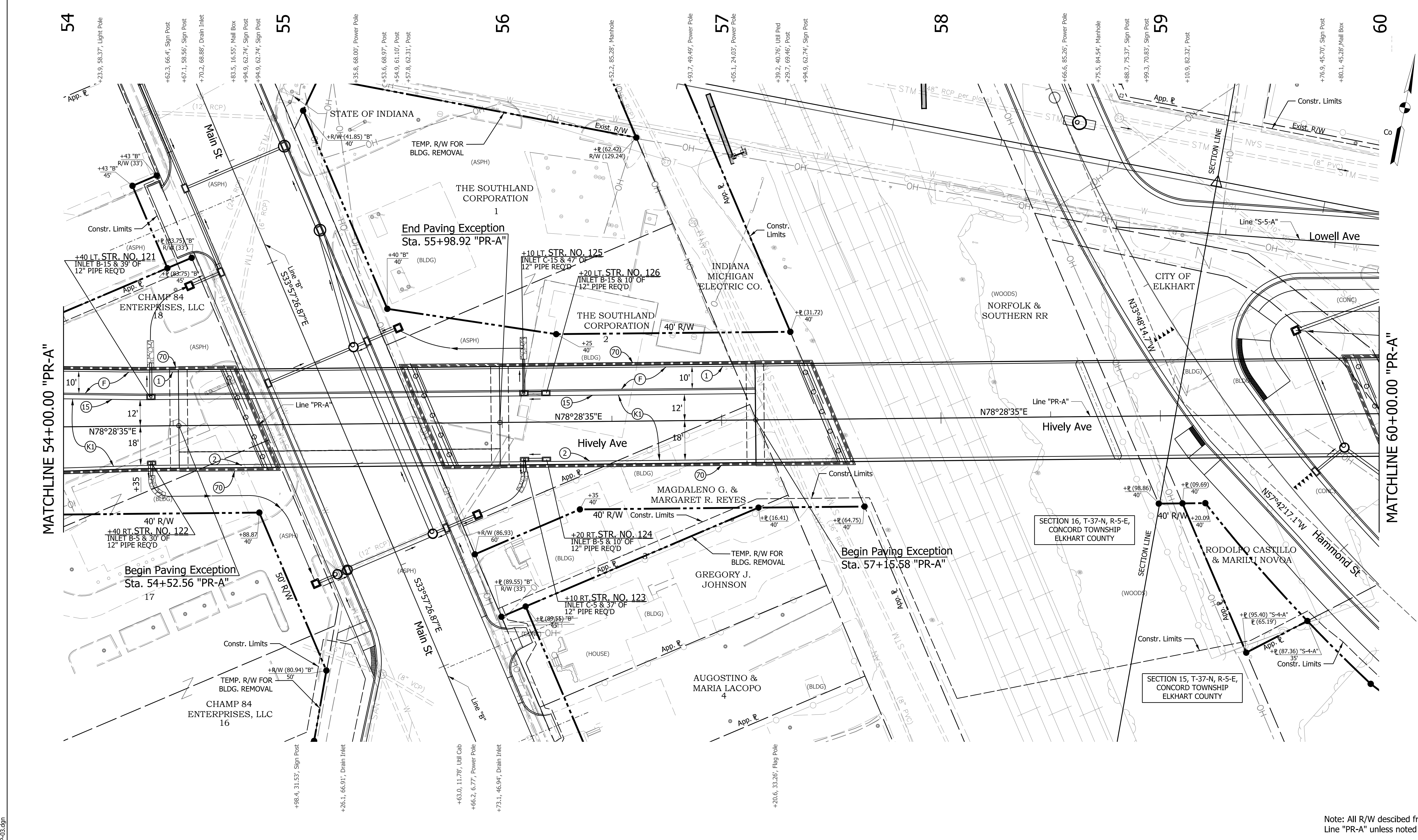
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| | | | | | | | |
|--|---|---|--|---|---|--|---|
| LEGEND (K) 165 #/SY OC/OA-HMA, 3, 70, SURFACE, 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON 6" OF COMPACTED AGGREGATE, NO. 53, ON SUBGRADE TREATMENT, TYPE IBC (OR AS NOTED) (A) HMA FOR APPROACHES 165 #/SY OC/OA-HMA, 3, 70, SURFACE 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON SUBGRADE TREATMENT TYPE ID (F) SIDEWALK, CONCRETE, 4" | (K) 165 #/SY OC/OA-HMA, 3, 70, SURFACE, 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON 6" OF COMPACTED AGGREGATE, NO. 53, ON SUBGRADE TREATMENT, TYPE IBC (OR AS NOTED) (A) HMA FOR APPROACHES 165 #/SY OC/OA-HMA, 3, 70, SURFACE 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON SUBGRADE TREATMENT TYPE ID (F) SIDEWALK, CONCRETE, 4" | (2) 9" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOGRID TYPE 18, ON SUBGRADE TREATMENT TYPE II (1) RAILING, PS-1 (2) CONCRETE RAILING, FT (10) SAWCUT (15) COMBINED CONCRETE CURB AND GUTTER, MODIFIED 1 | (16) COMBINED CONCRETE CURB AND GUTTER, MODIFIED 2 SODDING (NURSERY) (29) SEED MIXTURE, U (30) EROSION CONTROL BLANKET (70) MSE RETAINING WALL REINFORCED CONCRETE MOMENT SLAB, XX" | RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____ DESIGNED: MJS DRAWN: MJS CHECKED: JMM CHECKED: JMM | INDIANA DEPARTMENT OF TRANSPORTATION PLAN STA. 48+00.00 "PR-A" TO STA. 54+00.00 "PR-A" | HORIZONTAL SCALE 1" = 20' VERTICAL SCALE N/A SURVEY BOOK N/A CONTRACT B-41845 | BRIDGE FILE N/A DESIGNATION 1801933 SHEETS 28 of 151 PROJECT 1801933 |
| | | | | Note: All R/W described from Line "PR-A" unless noted | | | |

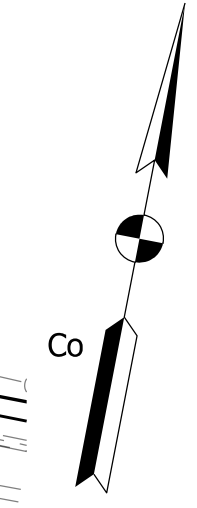


| | | | |
|--|---|---|--|
| <p>RECOMMENDED FOR APPROVAL _____</p> <p>DESIGNED: <u> </u> MJS DRAWN: <u> </u> TMW</p> <p>CHECKED: <u> </u> JMM CHECKED: <u> </u> JMM</p> | <p>INDIANA</p> <p>DEPARTMENT OF TRANSPORTATION</p> <p>PROFILE</p> <p>STA. 48+00.00 "PR-A" TO STA. 54+00.00 "PR-A"</p> | <p>HORIZONTAL SCALE 1"=20'</p> <p>VERTICAL SCALE 1"=5'</p> <p>SURVEY BOOK N/A</p> <p>CONTRACT B-41845</p> | <p>BRIDGE FILE N/A</p> <p>DESIGNATION 1801933</p> <p>SHEETS 29 of 151</p> <p>PROJECT 1801933</p> |
|--|---|---|--|



MATCHLINE 54+00.00 "PR-A"

MATCHLINE 60+00.00 "PR-A"



LEGEND

| | | | |
|--|--|---|--|
| (K) 165 #/SY OC/OA-HMA, 3, 70, SURFACE, 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON 300 #/SY OC/OA-HMA, 4, 76, INTERM., 19.0 mm ON 6" OF COMPACTED AGGREGATE, NO. 53, ON SUBGRADE TREATMENT, TYPE IBC (OR AS NOTED) | (K) 165 #/SY OC/OA-HMA, 3, 70, SURFACE, 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON 6" OF COMPACTED AGGREGATE, NO. 53, ON SUBGRADE TREATMENT, TYPE IBC (OR AS NOTED) | (K) 9" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOGRID TYPE 18, ON SUBGRADE TREATMENT TYPE II | (16) COMBINED CONCRETE CURB AND GUTTER, MODIFIED 2 SODDING (NURSERY) |
| (L) 6" PCCP FOR APPROACH ON DENSE GRADED SUBBASE ON SUBGRADE TREATMENT TYPE II | (A) HMA FOR APPROACHES 165 #/SY OC/OA-HMA, 3, 70, SURFACE 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON 6" OF COMPACTED AGGREGATE, NO. 53, ON SUBGRADE TREATMENT TYPE IBC (OR AS NOTED) | (1) RAILING, PS-1 | (29) SEED MIXTURE, U |
| (F) SIDEWALK, CONCRETE, 4" | (2) CONCRETE RAILING, FT | (10) SAWCUT | (30) EROSION CONTROL BLANKET |
| | (15) COMBINED CONCRETE CURB AND GUTTER, MODIFIED 1 | (7) MSE RETAINING WALL REINFORCED CONCRETE MOMENT SLAB, XX" | (71) MSE RETAINING WALL REINFORCED CONCRETE MOMENT SLAB, XX" |

| | |
|---------------|--------------|
| DESIGNED: MJS | DRAWN: MJS |
| CHECKED: JMM | CHECKED: JMM |

| | | |
|--------------------------|-----------------|------|
| RECOMMENDED FOR APPROVAL | DESIGN ENGINEER | DATE |
| | | |

**INDIANA
DEPARTMENT OF TRANSPORTATION**

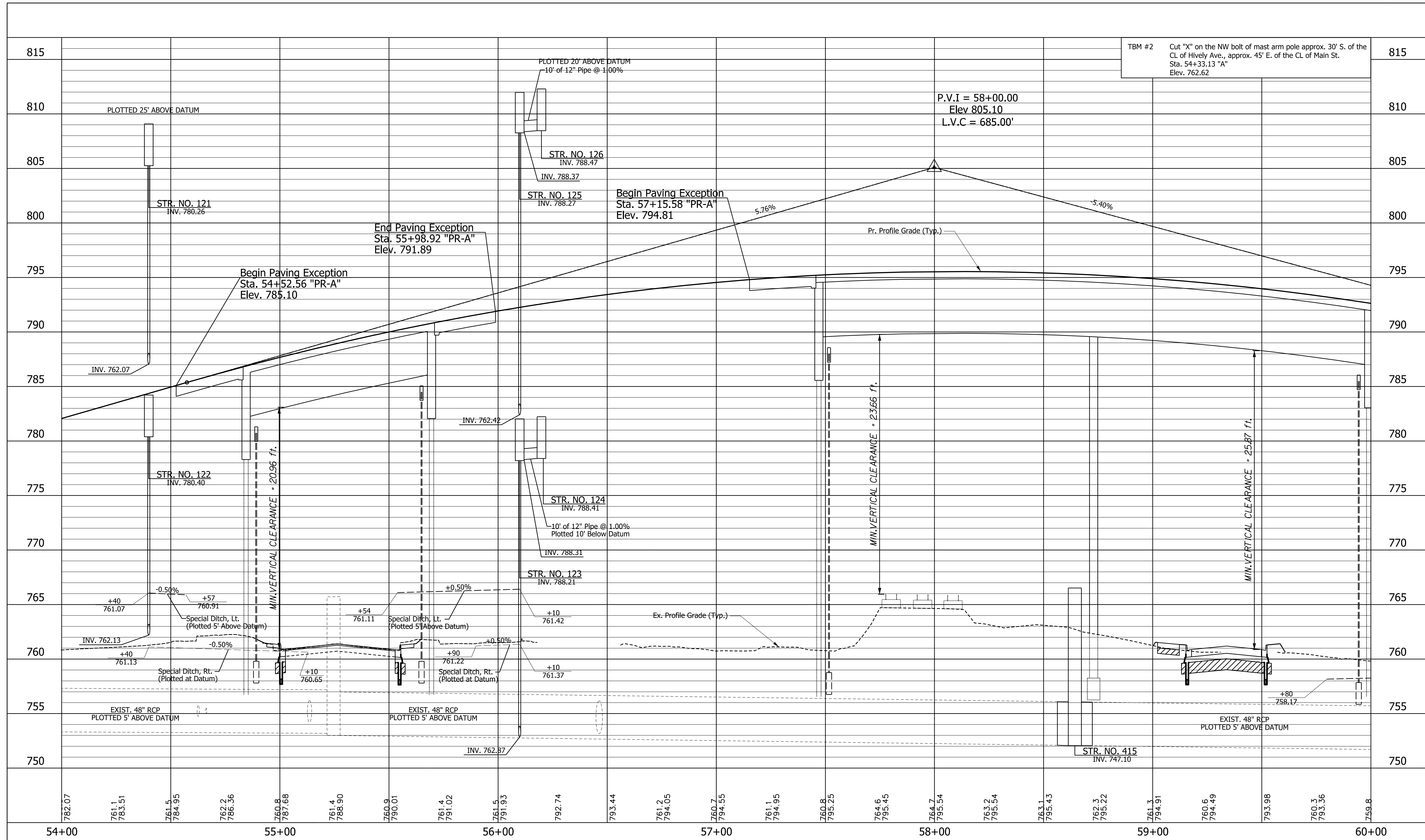
PLAN

STA. 54+00.00 "PR-A" TO STA. 60+00.00 "PR-A"

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1801933 |
| SURVEY BOOK | SHEETS |
| N/A | 30 of 151 |
| CONTRACT | PROJECT |
| B-41845 | 1801933 |

Note: All R/W described from Line "PR-A" unless noted

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TBM #2 Cut "X" on the NW bolt of mast arm pole approx. 30' S. of the CL of Hively Ave., approx. 45' E. of the CL of Main St. Sta. 54+33.13 "A" Elev. 762.62

P.V.I = 58+00.00
Elev 805.10
L.V.C = 685.00'

Begin Paving Exception
Sta. 57+15.58 "PR-A"
Elev. 794.81

End Paving Exception
Sta. 55+98.92 "PR-A"
Elev. 791.89

Begin Paving Exception
Sta. 54+52.56 "PR-A"
Elev. 785.10

MIN. VERTICAL CLEARANCE = 23.66 ft.

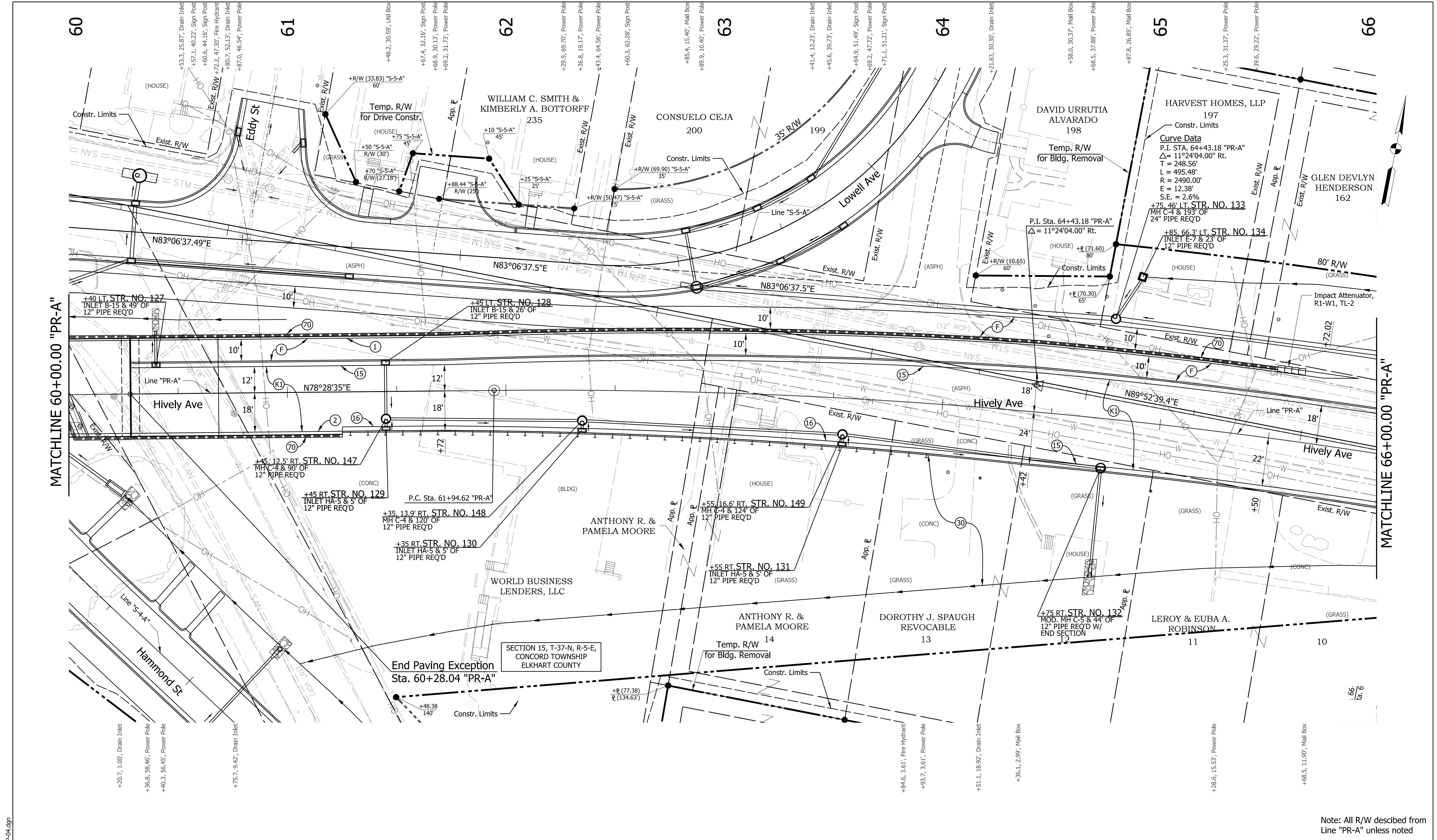
MIN. VERTICAL CLEARANCE = 25.87 ft.

MIN. VERTICAL CLEARANCE = 20.96 ft.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____
DESIGNED: MJS DRAWN: TMW
CHECKED: JMM CHECKED: JMM

INDIANA DEPARTMENT OF TRANSPORTATION
PROFILE
STA. 54+00.00 "PR-A" TO STA. 60+00.00 "PR-A"

| | |
|----------------------------|------------------------|
| HORIZONTAL SCALE 1"=20' | BRIDGE FILE N/A |
| VERTICAL SCALE 1"=5' | DESIGNATION 1801933 |
| SURVEY BOOK N/A | SHEETS 31 of 151 |
| CONTRACT B-41845 | PROJECT 1801933 |



MATCHLINE 60+00.00 "PR-A"

MATCHLINE 66+00.00 "PR-A"

Note: All R/W described from Line "PR-A" unless noted

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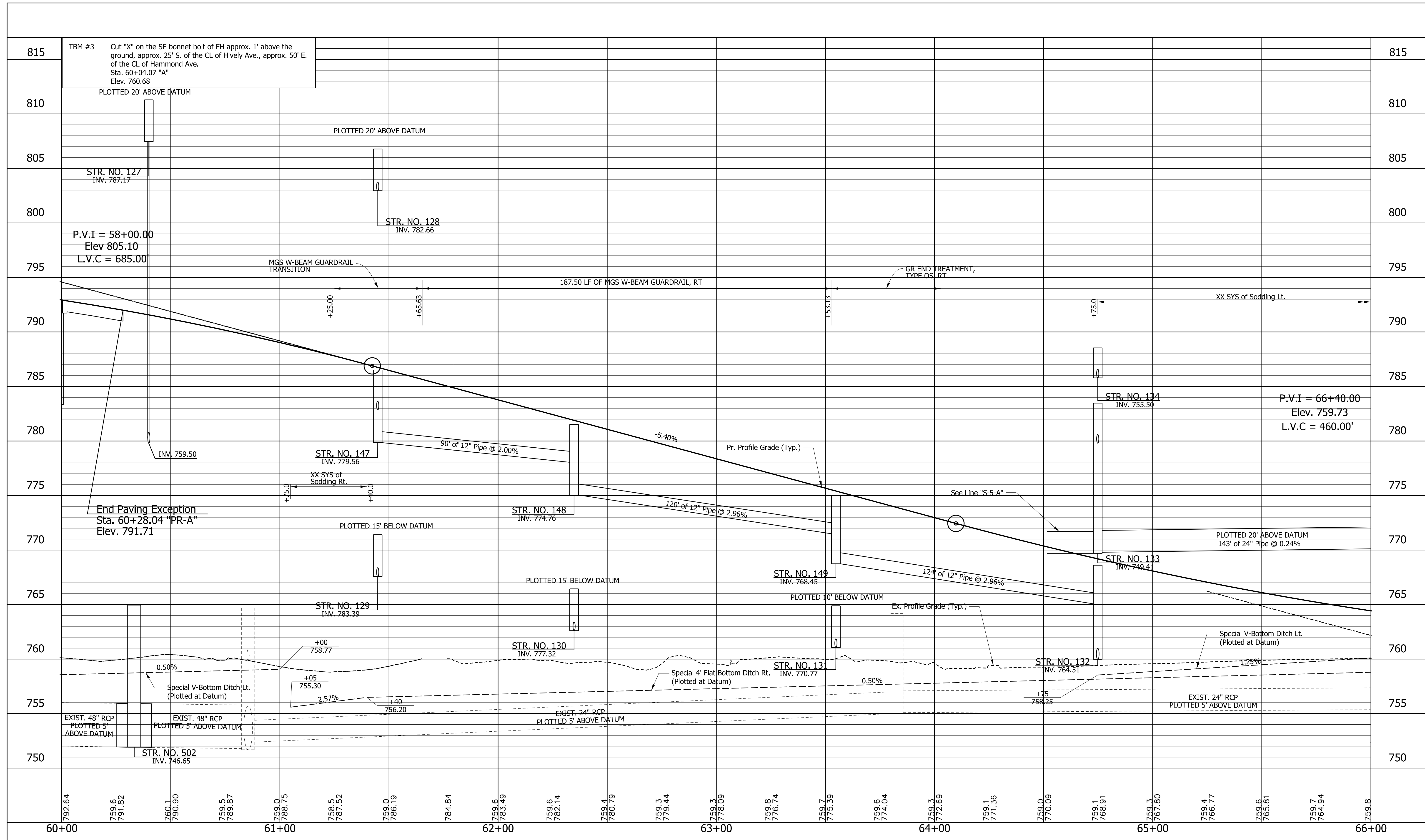
| LEGEND | |
|---|---|
| (K) 165 #/SY OC/OA-HMA, 3, 70, SURFACE, 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON 6" OF COMPACTED AGGREGATE, NO. 53, ON SUBGRADE TREATMENT, TYPE IBC (OR AS NOTED) | (K) 165 #/SY OC/OA-HMA, 3, 70, SURFACE, 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON 6" OF COMPACTED AGGREGATE, NO. 53, ON SUBGRADE TREATMENT, TYPE IBC (OR AS NOTED) |
| (L) 6" PCCP FOR APPROACH ON DENSE GRADED SUBBASE ON SUBGRADE TREATMENT TYPE II | (A) HMA FOR APPROACHES 165 #/SY OC/OA-HMA, 3, 70, SURFACE 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON SUBGRADE TREATMENT TYPE ID |
| (1) RAILING, PS-1 | (2) CONCRETE RAILING, FT |
| (2) 9" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOGRID TYPE 1B, ON SUBGRADE TREATMENT TYPE II | (10) SAWCUT |
| (16) COMBINED CONCRETE CURB AND GUTTER, MODIFIED 2 SODDING (NURSERY) | (15) COMBINED CONCRETE CURB AND GUTTER, MODIFIED 1 |
| (26) SEED MIXTURE, U | (19) EROSION CONTROL BLANKET |
| (29) EROSION CONTROL BLANKET | (70) MSE RETAINING WALL REINFORCED CONCRETE MOMENT SLAB, XX" |
| (30) MSE RETAINING WALL REINFORCED CONCRETE MOMENT SLAB, XX" | |

| | | |
|--------------------------|-----------------|------|
| RECOMMENDED FOR APPROVAL | DESIGN ENGINEER | DATE |
| DESIGNED: MJS | DRAWN: MJS | |
| CHECKED: JMM | CHECKED: JMM | |

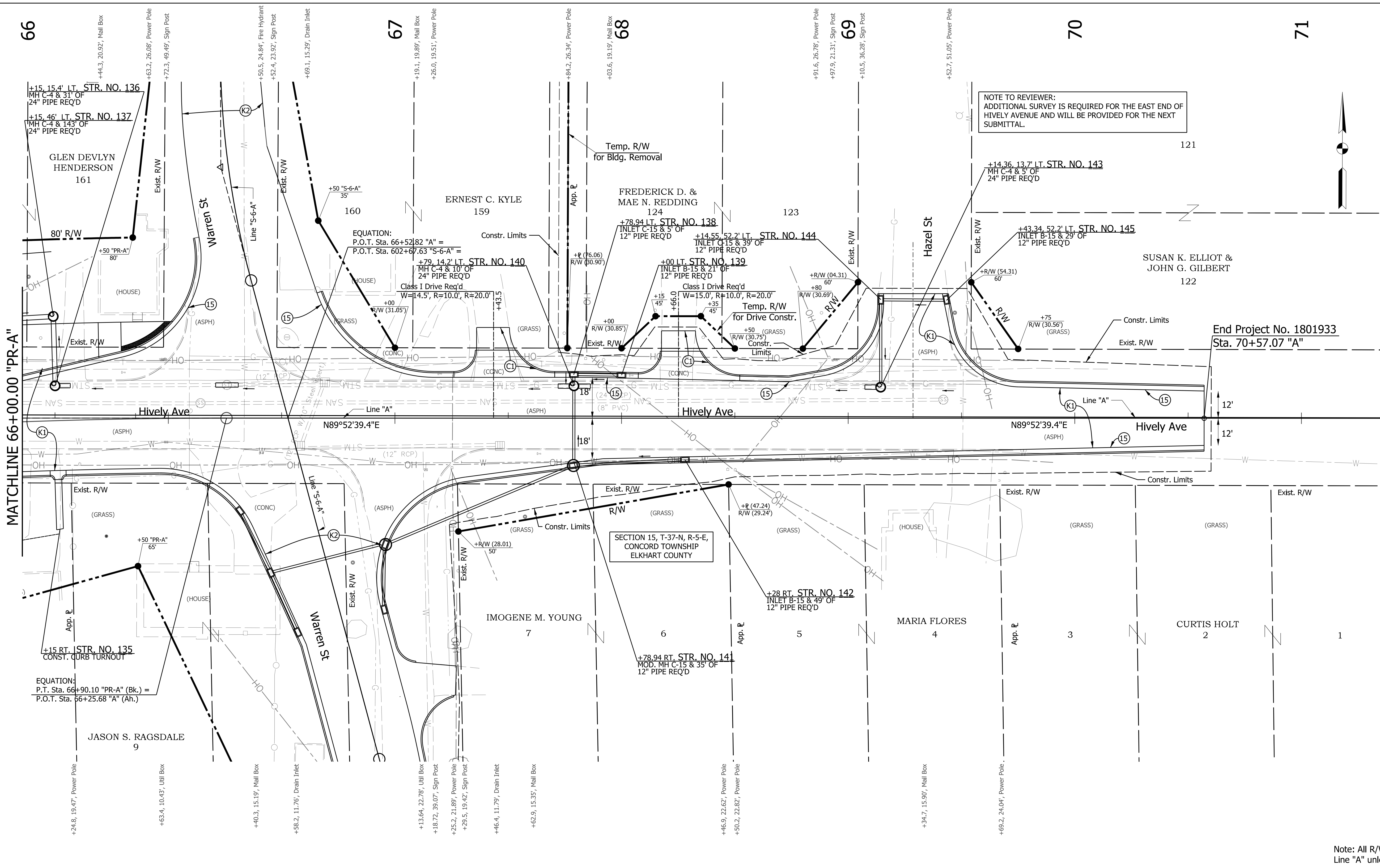
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN
STA. 60+00.00 "PR-A" TO STA. 66+00.00 "PR-A"

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1801933 |
| SURVEY BOOK | SHEETS |
| N/A | 32 of 151 |
| CONTRACT | PROJECT |
| B-41845 | 1801933 |



| | | |
|---|--|---|
| RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____ DESIGNED: MJS DRAWN: TMW CHECKED: JMM CHECKED: JMM | INDIANA DEPARTMENT OF TRANSPORTATION PROFILE STA. 60+00.00 "PR-A" TO STA. 66+00.00 "PR-A" | HORIZONTAL SCALE 1"=20' BRIDGE FILE N/A |
| | | VERTICAL SCALE 1"=5' DESIGNATION 1801933 |
| | | SURVEY BOOK N/A CONTRACT B-41845 |
| | | SHEETS 33 of 151 PROJECT 1801933 |



NOTE TO REVIEWER:
ADDITIONAL SURVEY IS REQUIRED FOR THE EAST END OF
HIVELY AVENUE AND WILL BE PROVIDED FOR THE NEXT
SUBMITTAL.

End Project No. 1801933
Sta. 70+57.07 "A"

MATCHLINE 66+00.00 "PR-A"

LEGEND

| | | | |
|--|--|--|--|
| (K) 165 #/SY OC/OA-HMA, 3, 70, SURFACE, 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON 300 #/SY OC/OA-HMA, 4, 76, INTERM., 19.0 mm ON 6" OF COMPACTED AGGREGATE, NO. 53, ON SUBGRADE TREATMENT, TYPE IBC (OR AS NOTED) | (K) 165 #/SY OC/OA-HMA, 3, 70, SURFACE, 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON 300 #/SY OC/OA-HMA, 4, 76, INTERM., 19.0 mm ON 6" OF COMPACTED AGGREGATE, NO. 53, ON SUBGRADE TREATMENT, TYPE IBC (OR AS NOTED) | (2) 9" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOTEXTILE TYPE 18, ON SUBGRADE TREATMENT TYPE II | (16) COMBINED CONCRETE CURB AND GUTTER, MODIFIED 2 SODDING (NURSERY) |
| (L) 6" PCCP FOR APPROACH ON DENSE GRADED SUBBASE ON SUBGRADE TREATMENT TYPE II | (A) HMA FOR APPROACHES 165 #/SY OC/OA-HMA, 3, 70, SURFACE 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON SUBGRADE TREATMENT TYPE ID | (1) RAILING, PS-1 | (29) SEED MIXTURE, U |
| | (F) SIDEWALK, CONCRETE, 4" | (2) CONCRETE RAILING, FT | (30) EROSION CONTROL BLANKET |
| | | (10) SAWCUT | (70) MSE RETAINING WALL REINFORCED CONCRETE MOMENT SLAB, XX" |
| | | (15) COMBINED CONCRETE CURB AND GUTTER, MODIFIED 1 | |

| | |
|--|--|
| (16) COMBINED CONCRETE CURB AND GUTTER, MODIFIED 2 SODDING (NURSERY) | (29) SEED MIXTURE, U |
| (26) SODDING (NURSERY) | (30) EROSION CONTROL BLANKET |
| (29) SEED MIXTURE, U | (70) MSE RETAINING WALL REINFORCED CONCRETE MOMENT SLAB, XX" |
| (30) EROSION CONTROL BLANKET | |
| (70) MSE RETAINING WALL REINFORCED CONCRETE MOMENT SLAB, XX" | |

| | | |
|--------------------------|-----------------|------|
| RECOMMENDED FOR APPROVAL | DESIGN ENGINEER | DATE |
| DESIGNED: MJS | DRAWN: MJS | |
| CHECKED: JMM | CHECKED: JMM | |

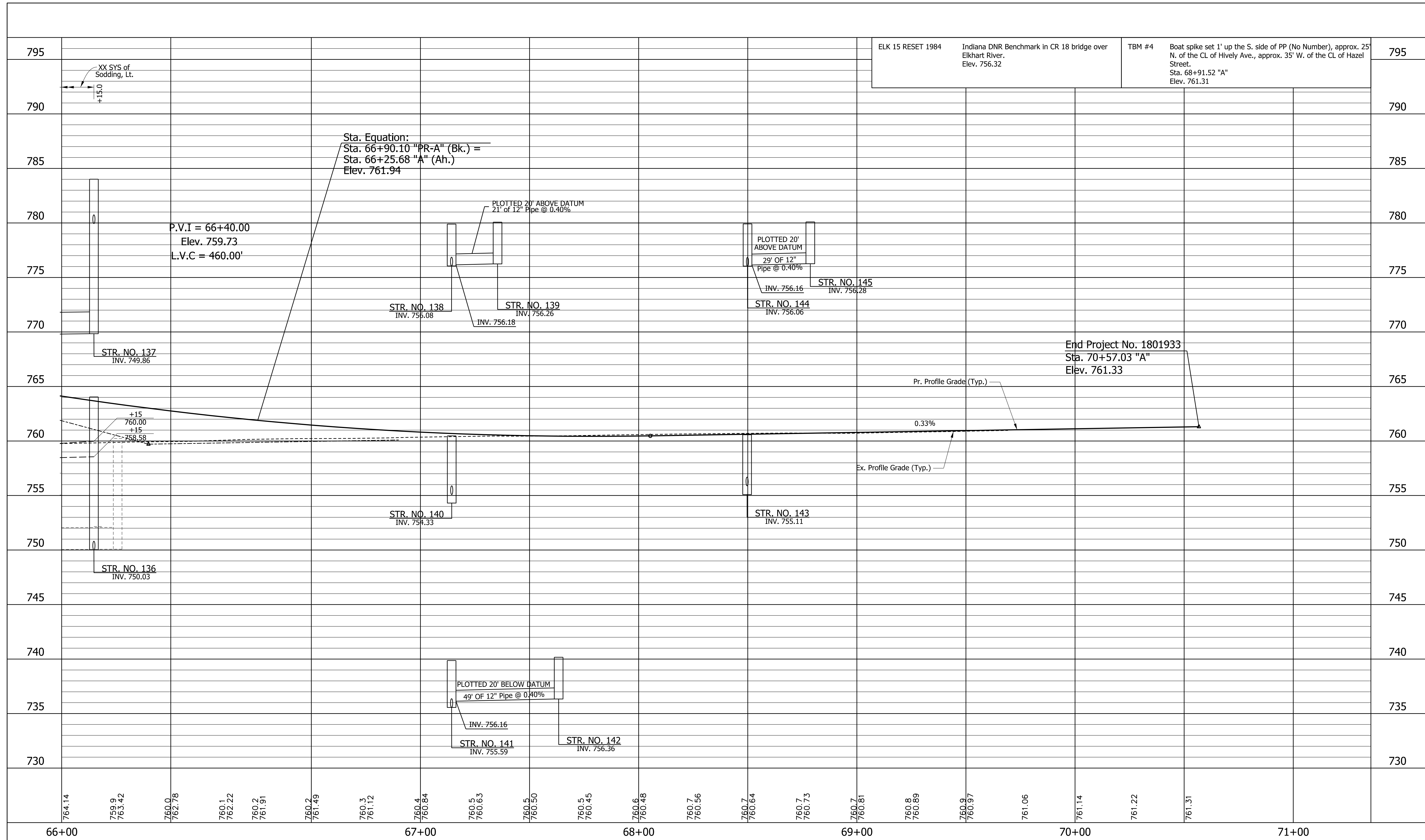
INDIANA DEPARTMENT OF TRANSPORTATION

PLAN

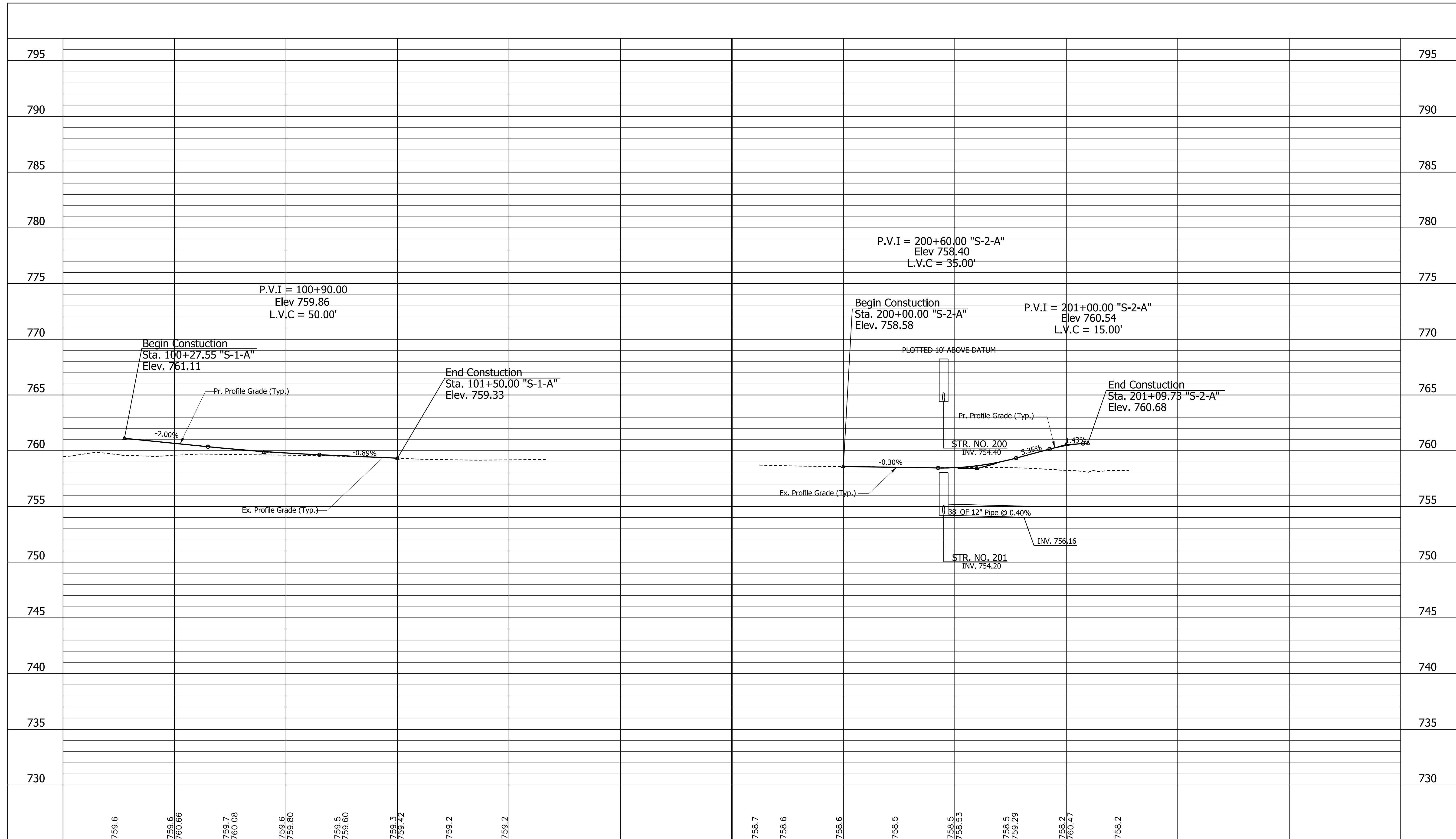
STA. 66+00.00 "PR-A" TO STA. 71+35.26 "A"

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1801933 |
| SURVEY BOOK | SHEETS |
| N/A | 34 of 151 |
| CONTRACT | PROJECT |
| B-41845 | 1801933 |

Note: All R/W descibed from Line "A" unless noted

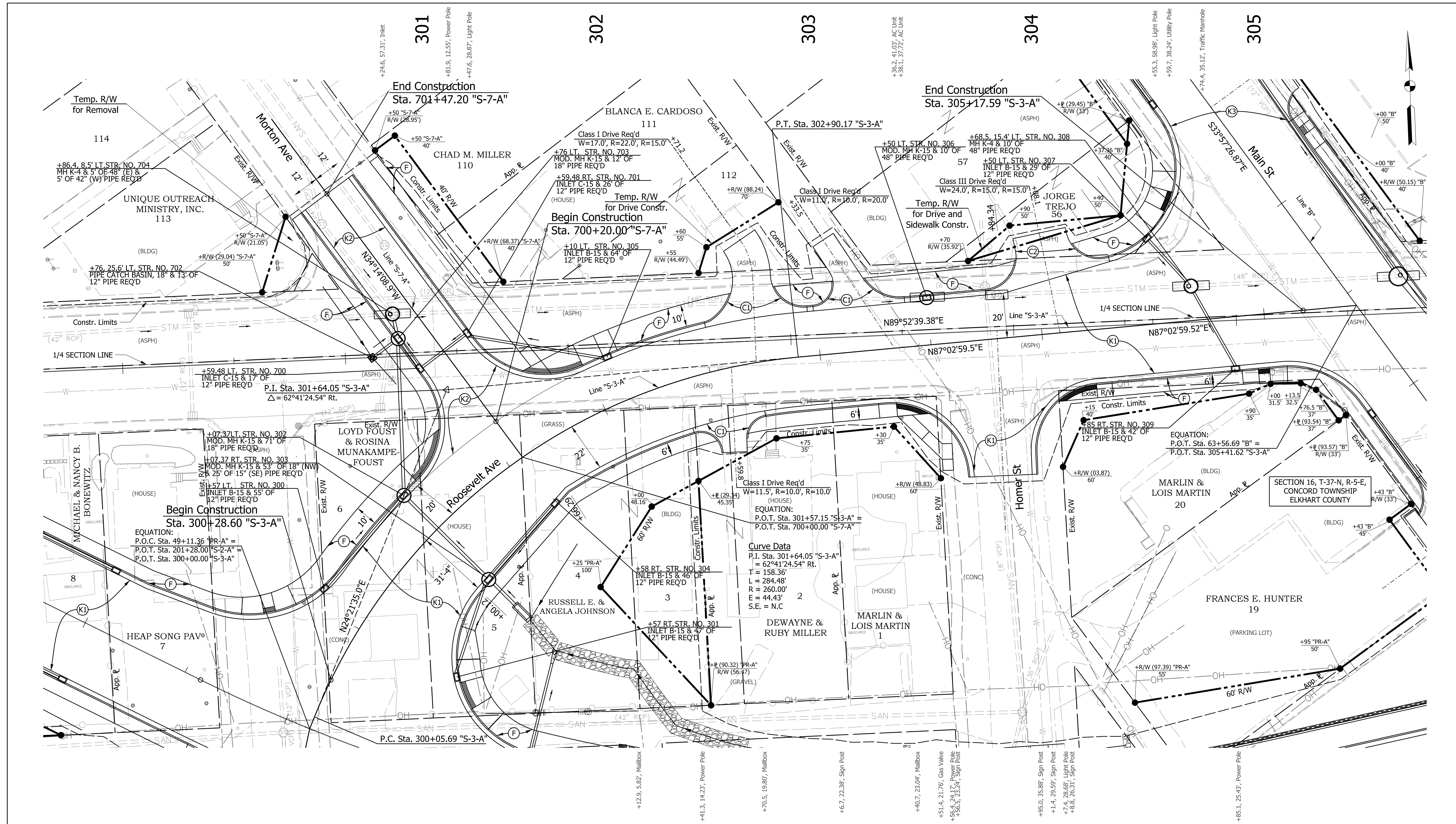


| | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---|-----------------|-----------------|-----------------|-----------------|-----------------|----------------------------|--------|------------------------|--------|
| 764.14 | 759.9 763.42 | 760.0 762.78 | 760.1 762.22 | 760.2 761.91 | 760.2 761.49 | 760.3 761.12 | 760.4 760.84 | 760.5 760.63 | 760.5 760.50 | 760.5 760.45 | 760.6 760.48 | 760.7 760.56 | 760.7 760.64 | 760.7 760.73 | 760.7 760.81 | 760.8 760.89 | 760.9 760.97 | 761.06 | 761.14 | 761.22 | 761.31 |
| 66+00 | | 67+00 | | | | 68+00 | | | | 69+00 | | | | 70+00 | | | | 71+00 | | | |
| RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____ | | | | | | | | | | | | INDIANA DEPARTMENT OF TRANSPORTATION | | | | | | HORIZONTAL SCALE 1"=20' | | BRIDGE FILE N/A | |
| DESIGNED: MJS DRAWN: TMW | | | | | | | | | | | | PROFILE | | | | | | VERTICAL SCALE 1"=5' | | DESIGNATION 1801933 | |
| CHECKED: JMM CHECKED: JMM | | | | | | | | | | | | STA. 66+00.00 "PR-A" TO STA. 70+57.03 "A" | | | | | | SURVEY BOOK N/A | | SHEETS 35 of 151 | |
| | | | | | | | | | | | | | | | | | | CONTRACT B-41845 | | PROJECT 1801933 | |



| | | | | | |
|---|--------|--------|--|--------|--------|
| 100+00 | 101+00 | 102+00 | 200+00 | 201+00 | 202+00 |
| 759.6 759.66 759.7 760.08 759.6 759.80 759.5 759.60 759.3 759.42 759.2 759.2 | | | 758.7 758.6 758.6 758.5 758.5 758.53 758.5 759.29 758.2 760.47 758.2 | | |

| | | |
|---|---|---|
| RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____ DESIGNED: MJS DRAWN: TMW CHECKED: JMM CHECKED: JMM | INDIANA DEPARTMENT OF TRANSPORTATION PROFILE STA. 100+27.55 "S-1-A" TO STA. 101+50.00 "S-1-A" STA. 200+00.00 "S-2-A" TO STA. 201+09.73 "S-2-A" | HORIZONTAL SCALE 1"=20' VERTICAL SCALE 1"=5' SURVEY BOOK N/A CONTRACT B-41845 BRIDGE FILE N/A DESIGNATION 1801933 SHEETS 36 of 151 PROJECT 1801933 |
|---|---|---|



Note: All R/W described from Line "S-3-A" unless noted

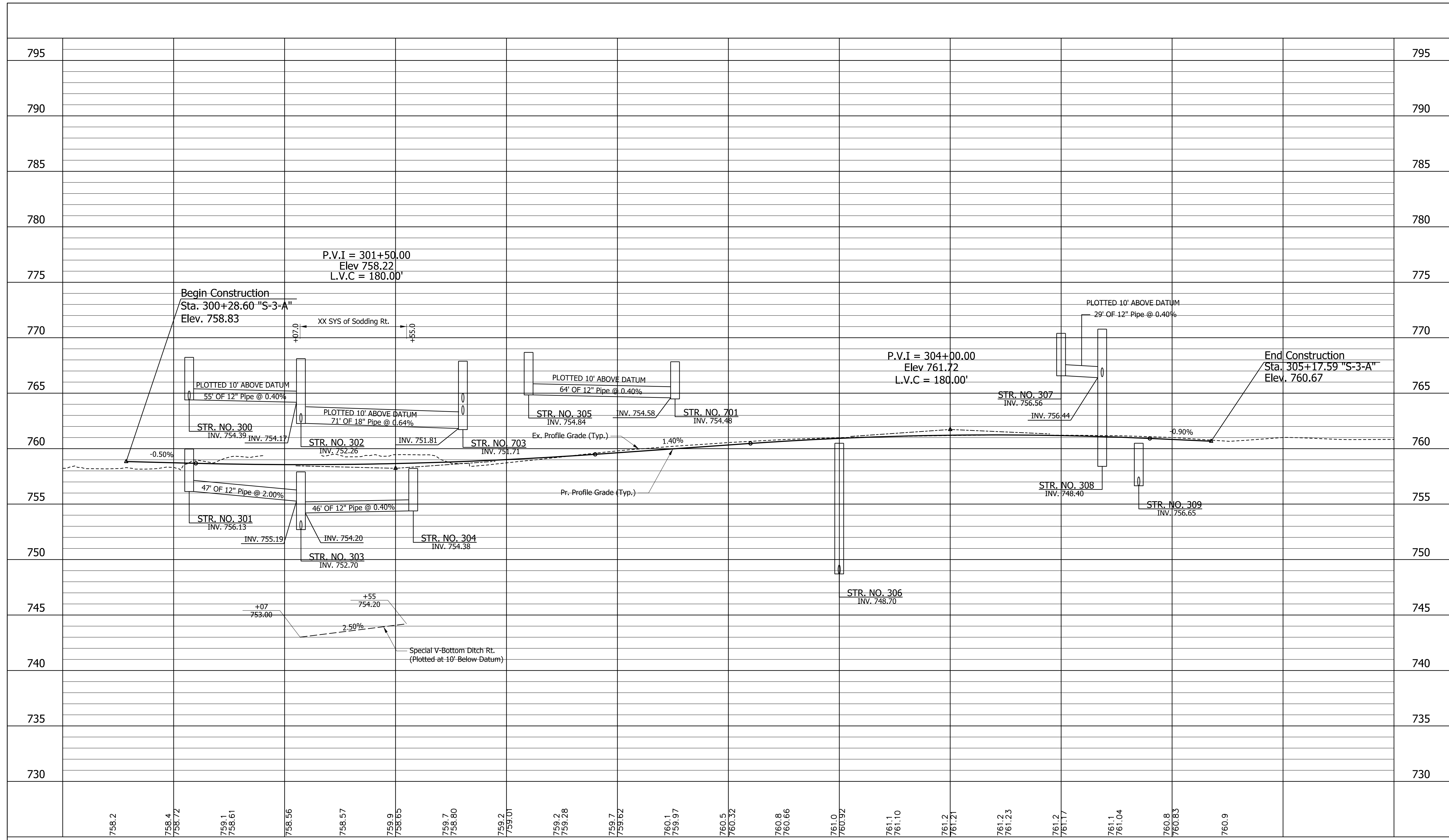
| LEGEND | |
|--|---|
| (K) 165 #/SY OC/OA-HMA, 3, 70, SURFACE, 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 6" OF COMPACTED AGGREGATE, NO. 53, ON SUBGRADE TREATMENT, TYPE IBC (OR AS NOTED) | (K) 165 #/SY OC/OA-HMA, 3, 70, SURFACE, 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON 6" OF COMPACTED AGGREGATE, NO. 53, ON SUBGRADE TREATMENT, TYPE IBC (OR AS NOTED) |
| (L) 6" PCCP FOR APPROACH ON DENSE GRADED SUBBASE ON SUBGRADE TREATMENT TYPE II | (A) HMA FOR APPROACHES 165 #/SY OC/OA-HMA, 3, 70, SURFACE 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON SUBGRADE TREATMENT TYPE ID |
| (M) 9" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOGRID TYPE 18, ON SUBGRADE TREATMENT TYPE II | (B) 10" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOGRID TYPE 18, ON SUBGRADE TREATMENT TYPE II |
| (N) 12" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOGRID TYPE 18, ON SUBGRADE TREATMENT TYPE II | (C) 12" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOGRID TYPE 18, ON SUBGRADE TREATMENT TYPE II |
| (O) 15" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOGRID TYPE 18, ON SUBGRADE TREATMENT TYPE II | (D) 15" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOGRID TYPE 18, ON SUBGRADE TREATMENT TYPE II |
| (P) 18" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOGRID TYPE 18, ON SUBGRADE TREATMENT TYPE II | (E) 18" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOGRID TYPE 18, ON SUBGRADE TREATMENT TYPE II |
| (Q) 21" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOGRID TYPE 18, ON SUBGRADE TREATMENT TYPE II | (F) SIDEWALK, CONCRETE, 4" |
| (R) 24" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOGRID TYPE 18, ON SUBGRADE TREATMENT TYPE II | (G) 4" CONCRETE RAILING, FT |
| (S) 27" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOGRID TYPE 18, ON SUBGRADE TREATMENT TYPE II | (H) SAWCUT |
| (T) 30" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOGRID TYPE 18, ON SUBGRADE TREATMENT TYPE II | (I) COMBINED CONCRETE CURB AND GUTTER, MODIFIED 1 |
| (U) 33" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOGRID TYPE 18, ON SUBGRADE TREATMENT TYPE II | (J) 9" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOGRID TYPE 18, ON SUBGRADE TREATMENT TYPE II |
| (V) 36" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOGRID TYPE 18, ON SUBGRADE TREATMENT TYPE II | (K) COMBINED CONCRETE CURB AND GUTTER, MODIFIED 2 (SODDING (NURSERY)) |
| (W) 39" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOGRID TYPE 18, ON SUBGRADE TREATMENT TYPE II | (L) SEED MIXTURE, U |
| (X) 42" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOGRID TYPE 18, ON SUBGRADE TREATMENT TYPE II | (M) EROSION CONTROL BLANKET |
| (Y) 45" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOGRID TYPE 18, ON SUBGRADE TREATMENT TYPE II | (N) MSE RETAINING WALL REINFORCED CONCRETE MOMENT SLAB, XX" |

| | | |
|--------------------------|-----------------|------|
| RECOMMENDED FOR APPROVAL | DESIGN ENGINEER | DATE |
| DESIGNED: MJS | DRAWN: MJS | |
| CHECKED: JMM | CHECKED: JMM | |

| | |
|--|--|
| INDIANA DEPARTMENT OF TRANSPORTATION | |
| PLAN | |
| STA. 300+00.00 "S-3-A" TO STA. 305+41.62 "S-3-A" | |

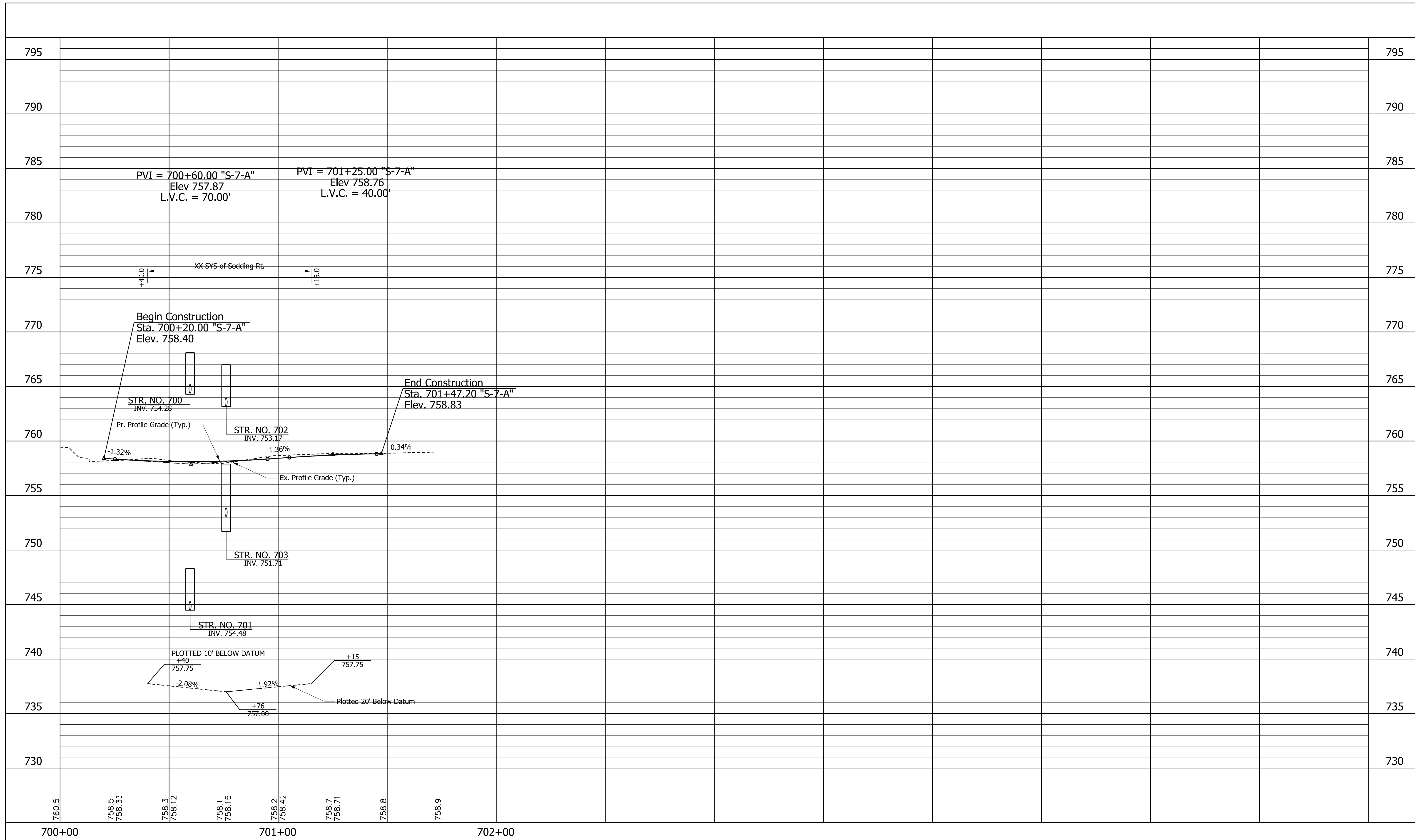
| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1"=20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1801933 |
| SURVEY BOOK | SHEETS |
| N/A | 37 of 151 |
| CONTRACT | PROJECT |
| B-41845 | 1801933 |

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| | | | | | | |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 300+00 | 301+00 | 302+00 | 303+00 | 304+00 | 305+00 | 306+00 |
| 758.2 | 758.4 758.72 | 759.1 758.61 | 758.56 | 758.57 | 759.9 758.65 | 759.7 758.80 |
| 759.2 759.01 | 759.2 759.28 | 759.7 759.62 | 760.1 759.97 | 760.5 760.32 | 760.8 760.66 | 761.0 760.92 |
| 761.1 761.10 | 761.2 761.21 | 761.2 761.23 | 761.2 761.17 | 761.1 761.04 | 760.8 760.83 | 760.9 |

| | | |
|---|--|---|
| RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____ DESIGNED: MJS DRAWN: TMW CHECKED: JMM CHECKED: JMM | INDIANA DEPARTMENT OF TRANSPORTATION PROFILE STA. 300+00.00 "S-3-A" TO STA. 305+41.62 "S-3-A" | HORIZONTAL SCALE 1"=20' VERTICAL SCALE 1"=5' SURVEY BOOK N/A CONTRACT B-41845 BRIDGE FILE N/A DESIGNATION 1801933 SHEETS 38 of 151 PROJECT 1801933 |
|---|--|---|



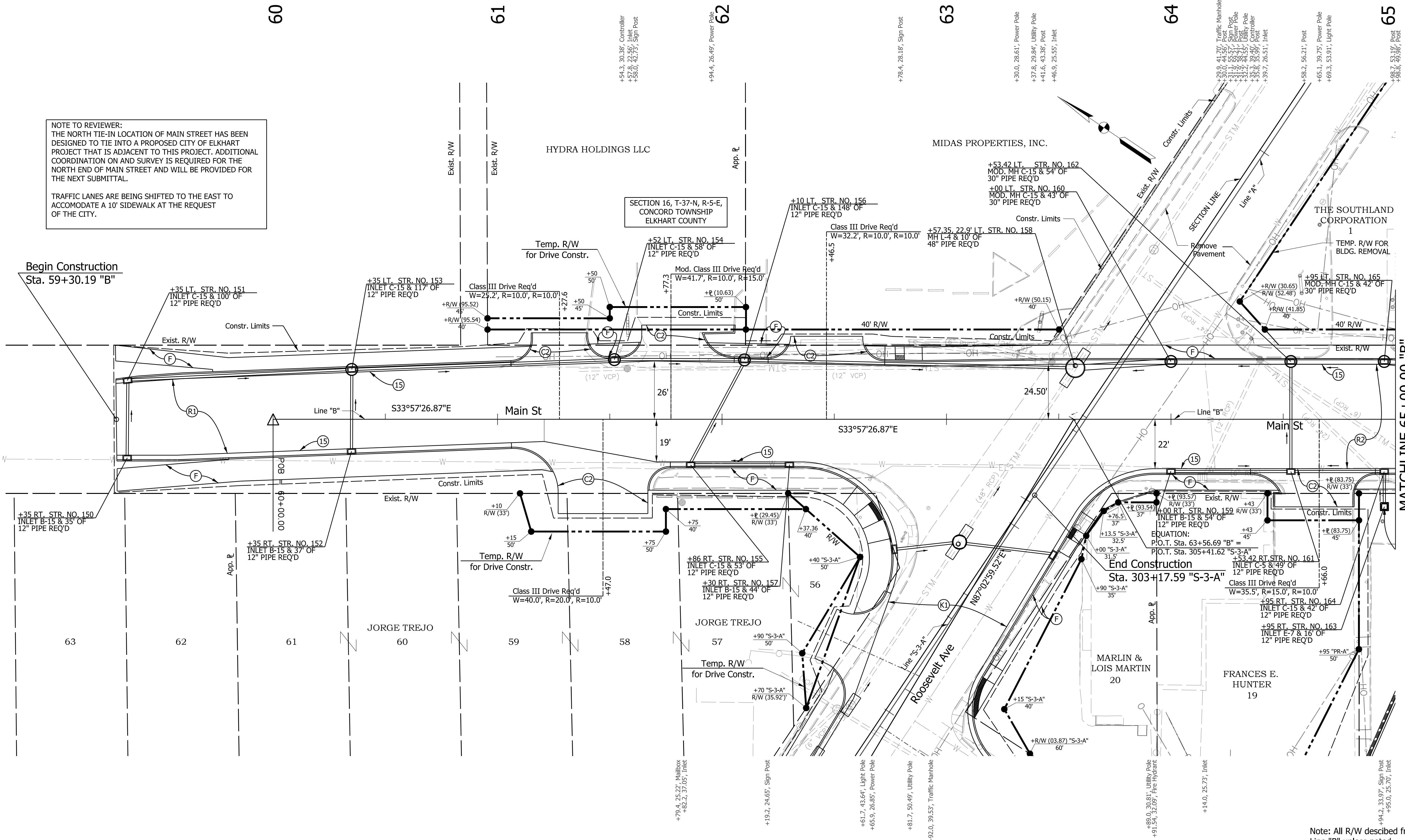
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|--|--|---|---|--|
| | RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE | INDIANA DEPARTMENT OF TRANSPORTATION | HORIZONTAL SCALE 1"=20' VERTICAL SCALE 1"=5' | BRIDGE FILE N/A DESIGNATION 1801933 |
| | DESIGNED: MJS CHECKED: JMM | DRAWN: TMW CHECKED: JMM | PROFILE STA. 700+00.00 "S-7-A" TO STA. 701+47.20 "S-7-A" | |
| | | | SURVEY BOOK N/A CONTRACT B-41845 | SHEETS 39 of 151 PROJECT 1801933 |

NOTE TO REVIEWER:
THE NORTH TIE-IN LOCATION OF MAIN STREET HAS BEEN DESIGNED TO TIE INTO A PROPOSED CITY OF ELKHART PROJECT THAT IS ADJACENT TO THIS PROJECT. ADDITIONAL COORDINATION ON AND SURVEY IS REQUIRED FOR THE NORTH END OF MAIN STREET AND WILL BE PROVIDED FOR THE NEXT SUBMITTAL.

TRAFFIC LANES ARE BEING SHIFTED TO THE EAST TO ACCOMMODATE A 10' SIDEWALK AT THE REQUEST OF THE CITY.

Begin Construction
Sta. 59+30.19 "B"

MATCHLINE 65+00.00 "B"



Note: All R/W described from Line "B" unless noted

| LEGEND | |
|---|--|
| (R1) HMA FOR RESURFACING MILLING, ASPHALT, 1 1/2 IN. DEPTH AND CRACKS IN ASPHALT PAVEMENT, FILL THEN 165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON VAR. DEPTH (MIN. 220 TO MAX. 440) #SY QC/QA-HMA, 3 79, INTERMEDIATE, 19.0 mm | (C1) 6" PCCP FOR APPROACH ON DENSE GRADED SUBBASE ON SUBGRADE TREATMENT TYPE II |
| (R2) HMA FOR RESURFACING MILLING, ASPHALT, VARIABLE DEPTH(1 1/2 IN. TO 3 1/2 IN.) AND CRACKS IN ASPHALT PAVEMENT, FILL THEN 165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON 220 #/SY QC/QA-HMA, 3, 70, INTERM., 19.0 mm | (C2) 9" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOGRID TYPE 15, ON SUBGRADE TREATMENT TYPE II |
| (1) RAILING, PS-1 | (15) COMBINED CONCRETE CURB AND GUTTER, MODIFIED 1 COMBINED CONCRETE CURB AND GUTTER, MODIFIED 2 |
| (2) CONCRETE RAILING, FT | (16) SODDING (NURSERY) |
| (10) SAWCUT | (29) SEED MIXTURE, U |
| (13) CONCRETE CURB, VERTICAL | (30) EROSION CONTROL BLANKET |
| (F) SIDEWALK, CONCRETE, 4" | |

| | | |
|--------------------------|-----------------|------|
| RECOMMENDED FOR APPROVAL | DESIGN ENGINEER | DATE |
| DESIGNED: MJS | DRAWN: MJS | |
| CHECKED: JMM | CHECKED: JMM | |

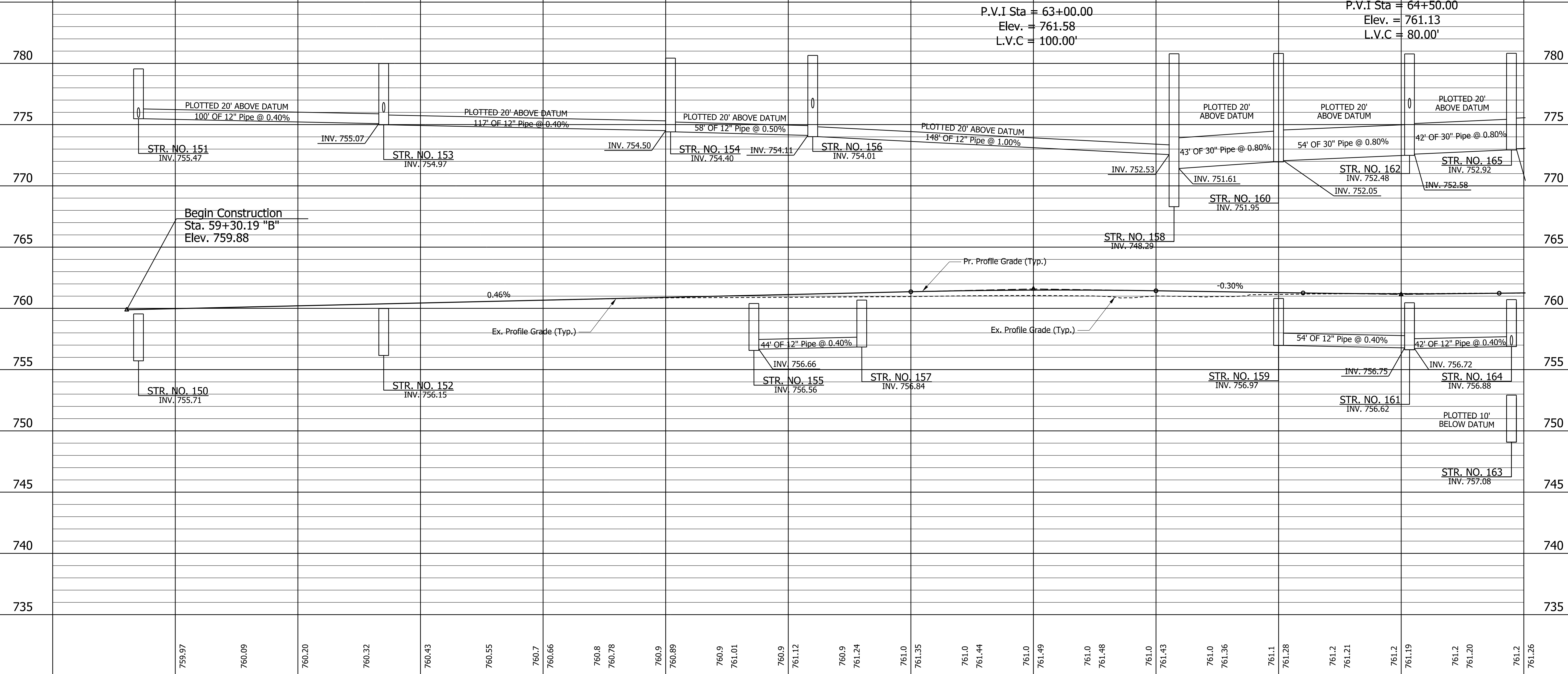
INDIANA DEPARTMENT OF TRANSPORTATION

PLAN
STA. 60+00.00 "B" TO STA. 65+00.00 "B"

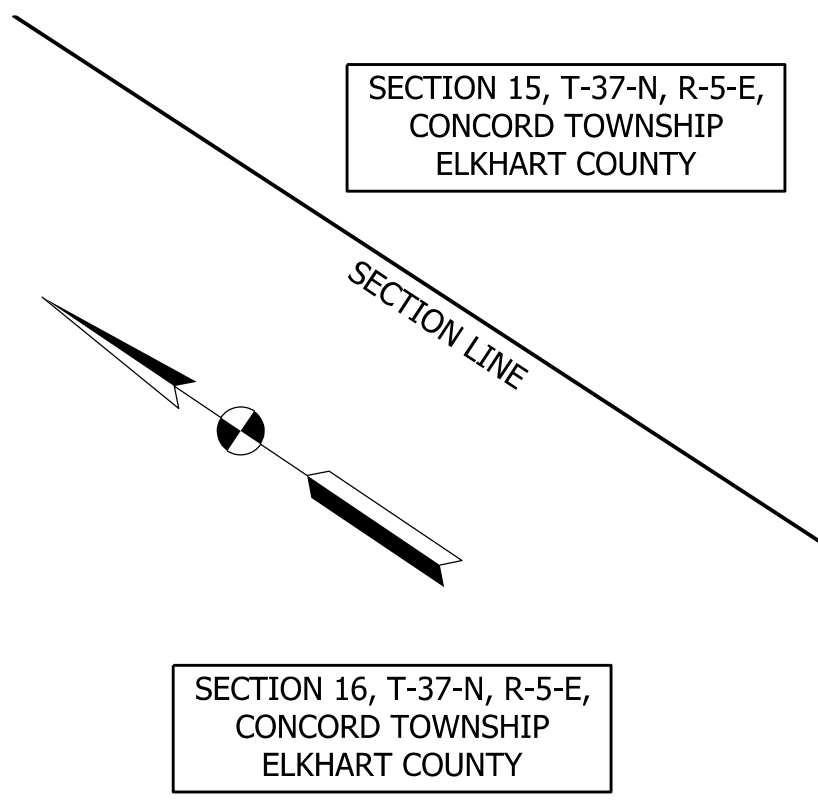
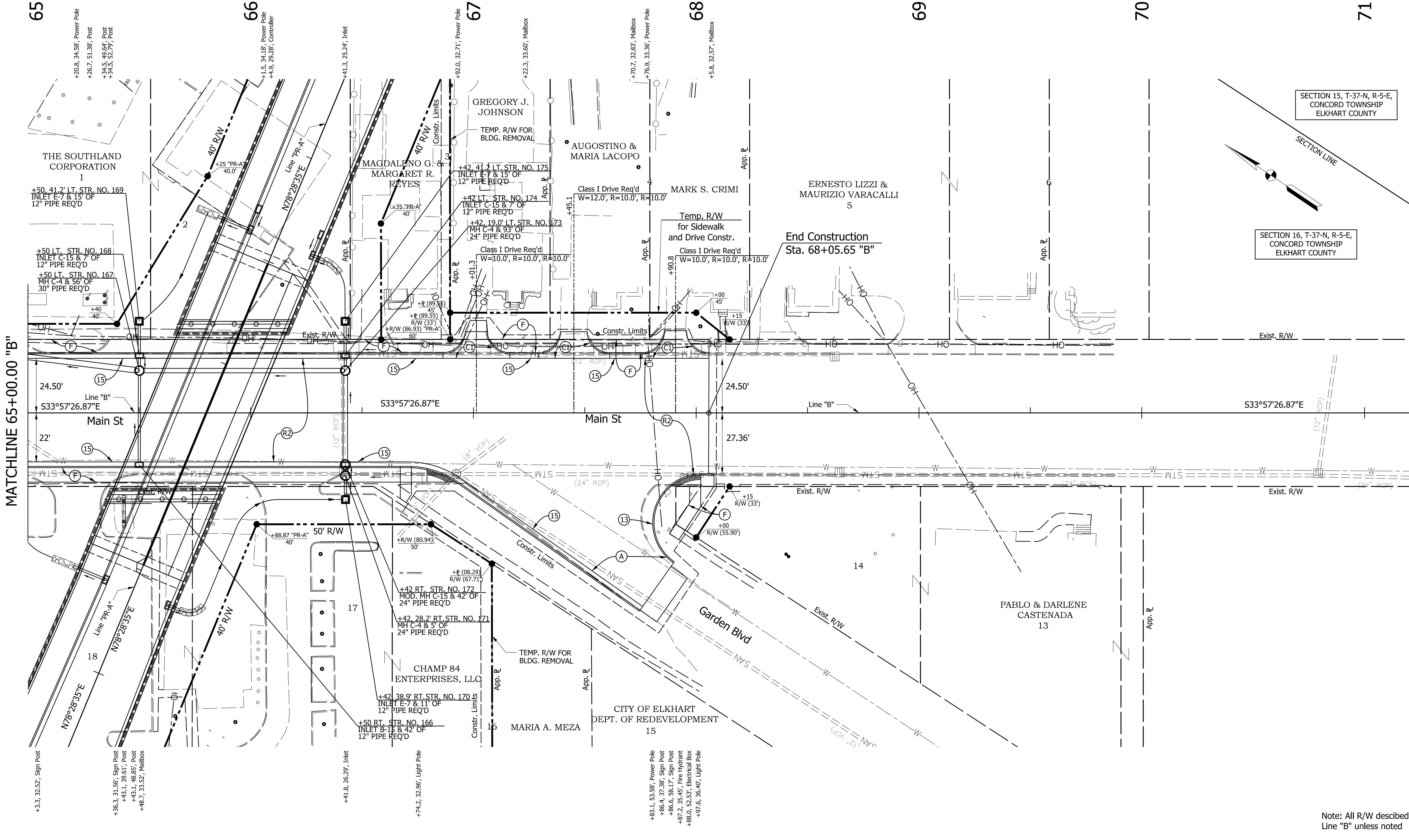
| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1801933 |
| SURVEY BOOK | SHEETS |
| N/A | 40 of 151 |
| CONTRACT | PROJECT |
| B-41845 | 1801933 |

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LEVEL TWO DESIGN EXCEPTION FOR LONGITUDINAL GRADE IS REQ'D. PAVEMENT DESIGN HAS NOT BEEN APPROVED YET, BUT B&N HAS COORDINATED WITH THE PAVEMENT DESIGNER AND IT HAS BEEN ASSUMED THAT A VARIABLE DEPTH INTERMEDIATE AND SURFACE CAN BE USED TO INCREASE LONGITUDINAL SLOPE TO A MIN. OF 0.30%. HOWEVER, DUE TO THE EXIST. GRADES, NOT ALL LOCATIONS CAN BE CORRECTED WITHOUT REDUCING THE ASPHALT DEPTH. THEREFORE, LOCATIONS THAT CAN BE CORRECTED WILL BE AND ALL EXIST. GRADES HAVE BEEN IMPROVED OR MAINTAINED.



| | | | | |
|--------------------------------|----------------------------------|---|------------------|-------------|
| RECOMMENDED FOR APPROVAL _____ | DESIGN ENGINEER _____ DATE _____ | INDIANA DEPARTMENT OF TRANSPORTATION | HORIZONTAL SCALE | BRIDGE FILE |
| | | | 1"=20' | N/A |
| DESIGNED: MJS | DRAWN: TMW | PROFILE STA. 60+00.00 "B" TO STA. 65+00.00 "B" | VERTICAL SCALE | DESIGNATION |
| | | | 1"=5' | 1801933 |
| CHECKED: JMM | CHECKED: JMM | | SURVEY BOOK | SHEETS |
| | | | N/A | 41 of 151 |
| | | | CONTRACT | PROJECT |
| | | | B-41845 | 1801933 |



MATCHLINE 65+00.00 "B"

Note: All R/W descibed from Line "B" unless noted

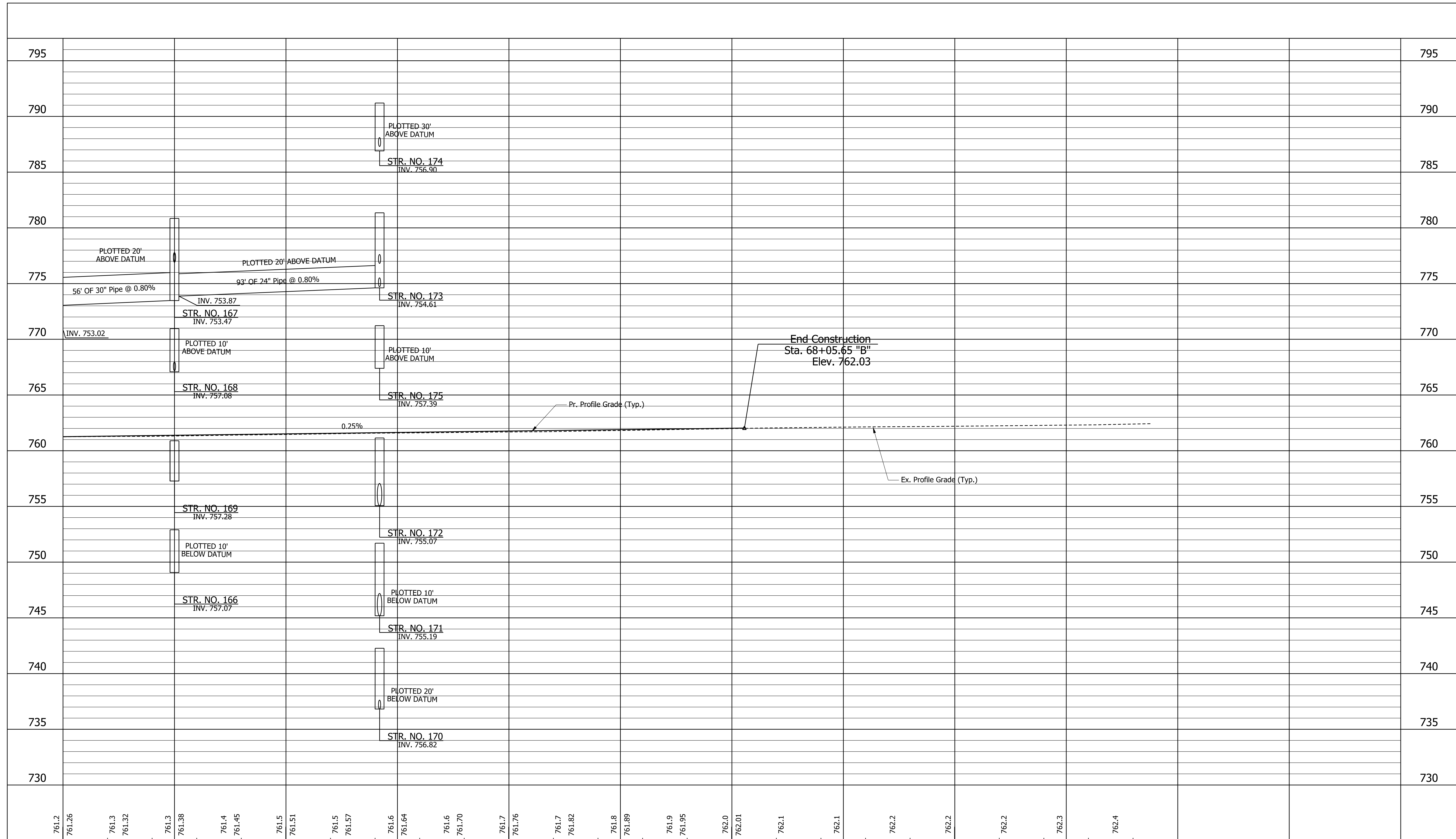
| LEGEND | |
|---|--|
| (R1) HMA FOR RESURFACING MILLING, ASPHALT, 1 1/2 IN. DEPTH AND CRACKS IN ASPHALT PAVEMENT, FILL THEN 165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON VAR. DEPTH (MIN. 220 TO MAX. 440) #SY QC/QA-HMA, 3 79, INTERMEDIATE, 19.0 mm | (C1) 6" PCCP FOR APPROACH ON DENSE GRADED SUBBASE ON SUBGRADE TREATMENT TYPE II |
| (R2) HMA FOR RESURFACING MILLING, ASPHALT, VARIABLE DEPTH(1 1/2 IN. TO 3 1/2 IN.) AND CRACKS IN ASPHALT PAVEMENT, FILL THEN 165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON 220 #/SY QC/QA-HMA, 3, 70, INTERM., 19.0 mm | (F) SIDEWALK, CONCRETE, 4" |
| (C2) 9" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOTRID TYPE 1B, ON SUBGRADE TREATMENT TYPE II | (1) RAILING, PS-1 |
| (1) RAILING, PS-1 | (2) CONCRETE RAILING, FT |
| (2) CONCRETE RAILING, FT | (10) SAWCUT |
| (10) SAWCUT | (13) CONCRETE CURB, VERTICAL |
| (13) CONCRETE CURB, VERTICAL | (24) 6" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOTRID TYPE 1B, ON SUBGRADE TREATMENT TYPE II |
| (24) 6" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOTRID TYPE 1B, ON SUBGRADE TREATMENT TYPE II | (15) COMBINED CONCRETE CURB AND GUTTER, MODIFIED 1 |
| (15) COMBINED CONCRETE CURB AND GUTTER, MODIFIED 1 | (16) COMBINED CONCRETE CURB AND GUTTER, MODIFIED 2 |
| (16) COMBINED CONCRETE CURB AND GUTTER, MODIFIED 2 | (26) SODDING (NURSERY) |
| (26) SODDING (NURSERY) | (29) SEED MIXTURE, U |
| (29) SEED MIXTURE, U | (30) EROSION CONTROL BLANKET |
| (30) EROSION CONTROL BLANKET | |

| | | |
|--------------------------|-----------------|------|
| RECOMMENDED FOR APPROVAL | DESIGN ENGINEER | DATE |
| DESIGNED: MJS | DRAWN: MJS | |
| CHECKED: JMM | CHECKED: JMM | |

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN
STA. 65+00.00 "B" TO STA. 71+00.00 "B"

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1801933 |
| SURVEY BOOK | SHEETS |
| N/A | 42 of 151 |
| CONTRACT | PROJECT |
| B-41845 | 1801933 |



| | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|-------|-------|-------|--|-------|-------|-------|---|--|--|--|
| 761.2 761.26 | 761.3 761.32 | 761.38 | 761.4 761.45 | 761.5 761.51 | 761.5 761.57 | 761.6 761.64 | 761.6 761.70 | 761.7 761.76 | 761.7 761.82 | 761.8 761.89 | 761.9 761.95 | 762.0 762.01 | 762.1 | 762.1 | 762.2 | 762.2 | 762.2 | 762.3 | 762.4 | | | | |
| 65+00 | | | 66+00 | | | 67+00 | | | 68+00 | | | 69+00 | | | 70+00 | | | | | | | | |
| RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____ DESIGNED: MJS DRAWN: TMW CHECKED: JMM CHECKED: JMM | | | | | | | | | | | | INDIANA DEPARTMENT OF TRANSPORTATION PROFILE STA. 65+00.00 "B" TO STA. 68+05.65 "B" | | | | HORIZONTAL SCALE 1"=20' VERTICAL SCALE 1"=5' SURVEY BOOK N/A CONTRACT B-41845 | | | | BRIDGE FILE N/A DESIGNATION 1801933 SHEETS 43 of 151 PROJECT 1801933 | | | |

398

399

400

401

402

403

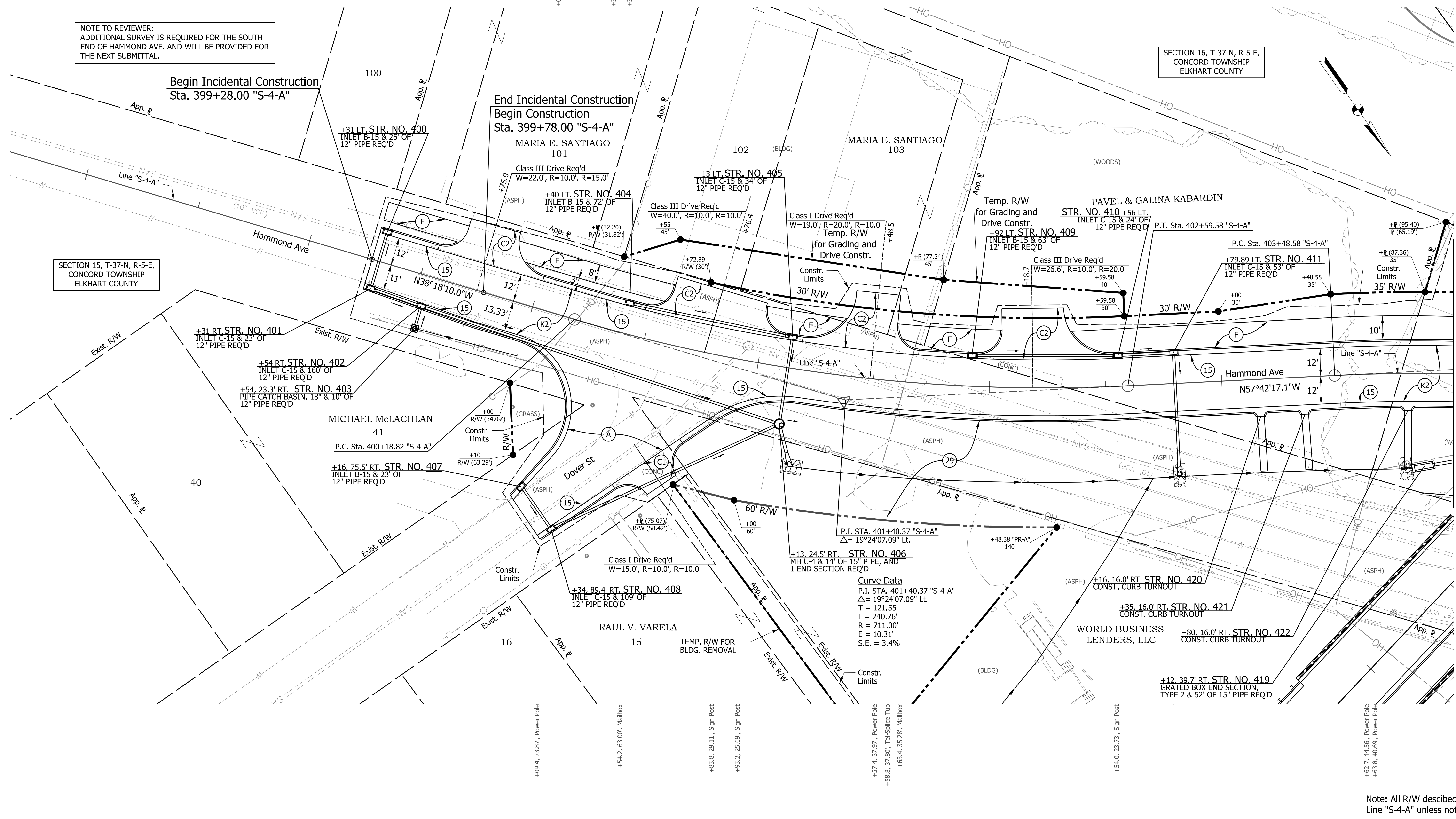
404

NOTE TO REVIEWER:
ADDITIONAL SURVEY IS REQUIRED FOR THE SOUTH
END OF HAMMOND AVE. AND WILL BE PROVIDED FOR
THE NEXT SUBMITTAL.

SECTION 16, T-37-N, R-5-E,
CONCORD TOWNSHIP
ELKHART COUNTY

SECTION 15, T-37-N, R-5-E,
CONCORD TOWNSHIP
ELKHART COUNTY

MATCHLINE 404+00.00 "S-4-A"



Note: All R/W descibed from
Line "S-4-A" unless noted

LEGEND

| | |
|------|---|
| (K1) | 165 #/SY OC/OA-HMA, 3, 70, SURFACE, 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON 6" OF COMPACTED AGGREGATE, NO. 53, ON SUBGRADE TREATMENT, TYPE IBC (OR AS NOTED) |
| (L) | 6" PCCP FOR APPROACH ON DENSE GRADED SUBBASE ON SUBGRADE TREATMENT TYPE II |

| | |
|------|---|
| (K2) | 165 #/SY OC/OA-HMA, 3, 70, SURFACE, 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON 6" OF COMPACTED AGGREGATE, NO. 53, ON SUBGRADE TREATMENT, TYPE IBC (OR AS NOTED) |
| (A) | HMA FOR APPROACHES 165 #/SY OC/OA-HMA, 3, 70, SURFACE 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON SUBGRADE TREATMENT TYPE ID |
| (F) | SIDEWALK, CONCRETE, 4" |

| | |
|------|---|
| (2) | 9" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOGRID TYPE 1B, ON SUBGRADE TREATMENT TYPE II |
| (1) | RAILING, PS-1 |
| (2) | CONCRETE RAILING, FT |
| (10) | SAWCUT |
| (15) | COMBINED CONCRETE CURB AND GUTTER, MODIFIED 1 |

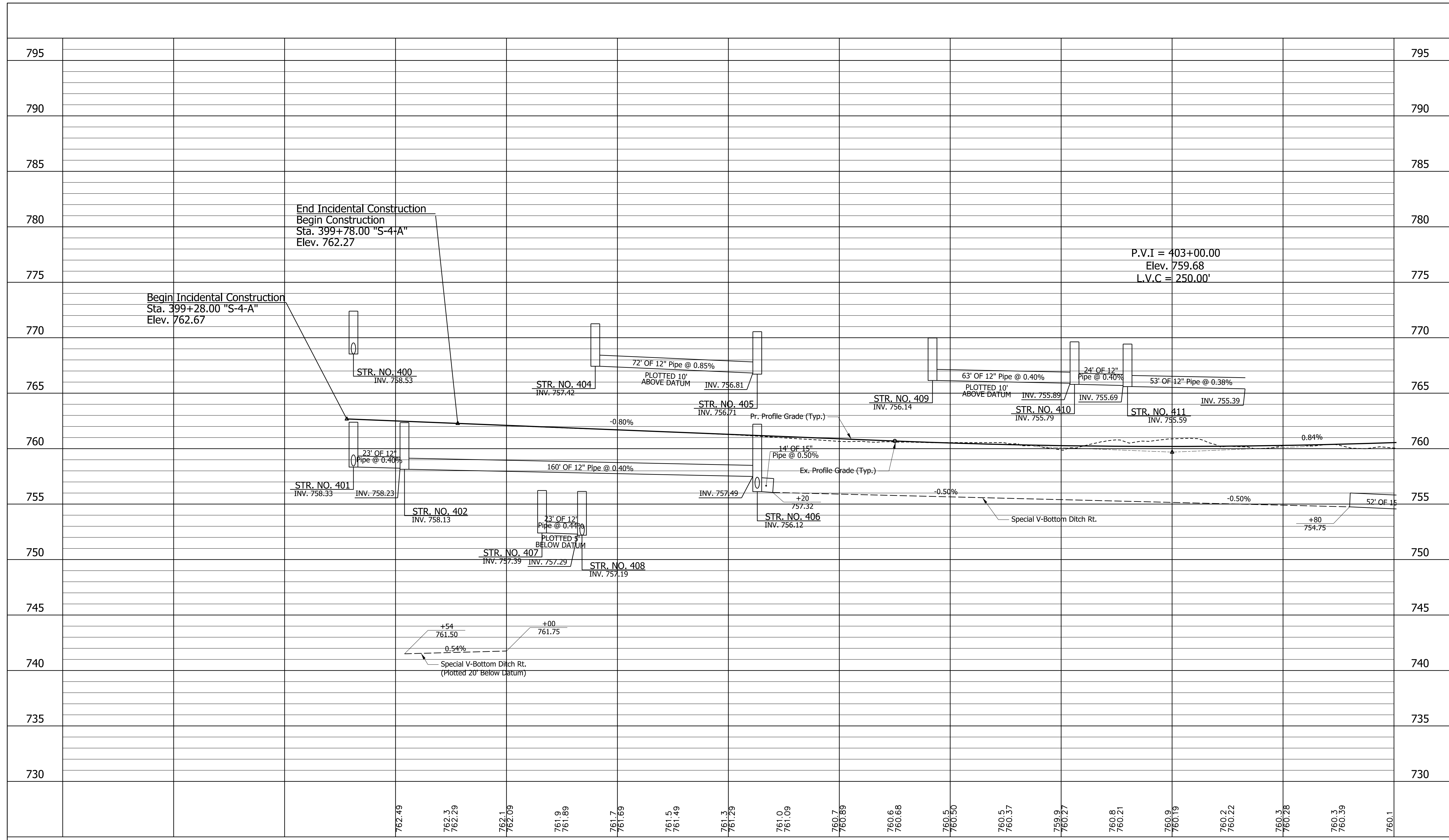
| | |
|------|---|
| (16) | COMBINED CONCRETE CURB AND GUTTER, MODIFIED 2 (NURSERY) |
| (26) | SEED MIXTURE, U |
| (29) | EROSION CONTROL BLANKET |
| (30) | MSE RETAINING WALL REINFORCED CONCRETE MOMENT SLAB, XX" |

| | | |
|--------------------------|-----------------|------|
| RECOMMENDED FOR APPROVAL | DESIGN ENGINEER | DATE |
| DESIGNED: MJS | DRAWN: MJS | |
| CHECKED: JMM | CHECKED: JMM | |

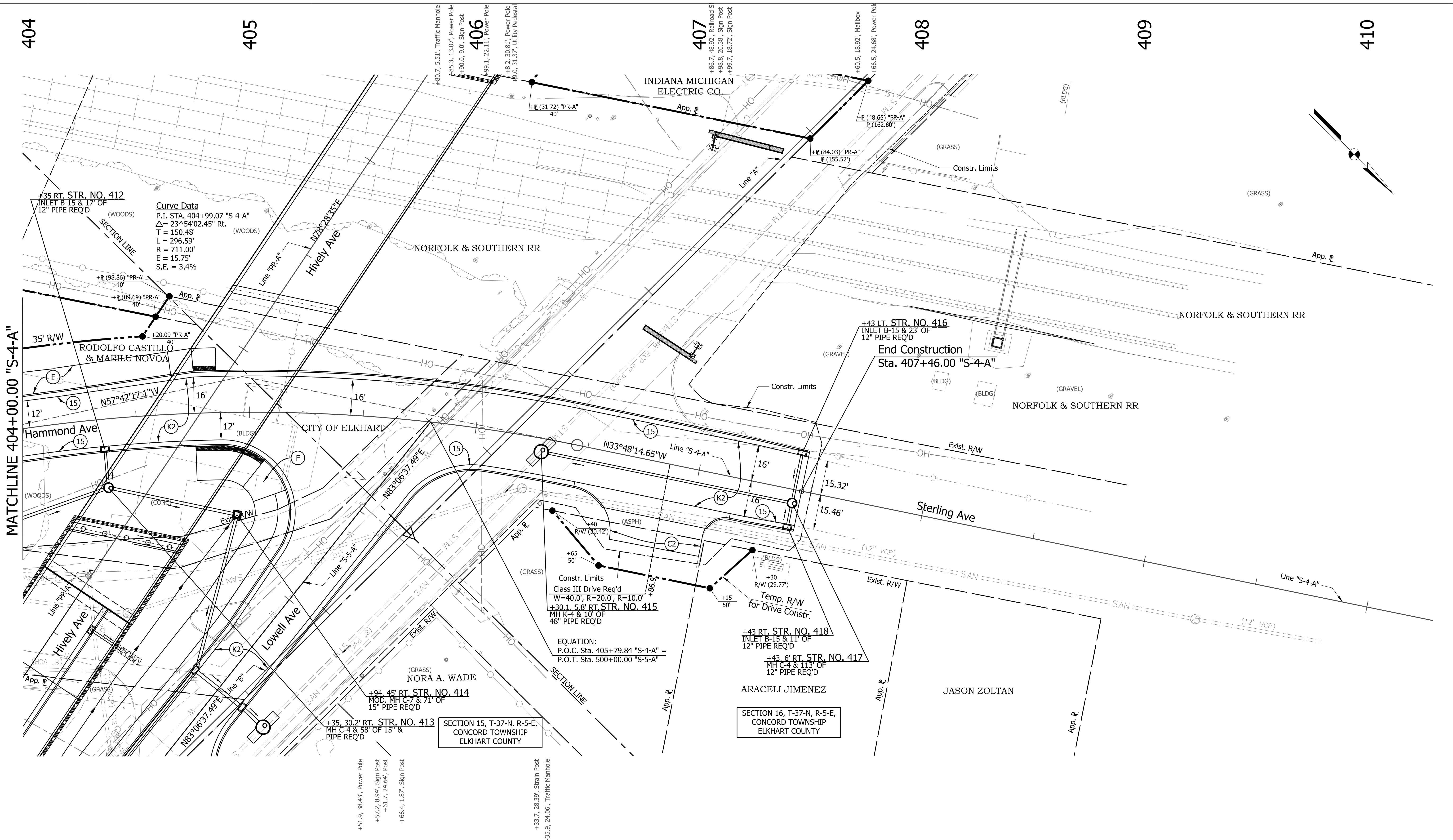
**INDIANA
DEPARTMENT OF TRANSPORTATION**

PLAN
STA. 398+00.00 "S-4-A" TO STA. 404+00.00 "S-4-A"

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1801933 |
| SURVEY BOOK | SHEETS |
| N/A | 44 of 151 |
| CONTRACT | PROJECT |
| B-41845 | 1801933 |



| | | | | | | |
|--------|--------|--------|--------|---|--|---|
| 398+00 | 399+00 | 400+00 | 401+00 | 402+00 | 403+00 | 404+00 |
| | | | | RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE | INDIANA DEPARTMENT OF TRANSPORTATION | |
| | | | | DESIGNED: MJS DRAWN: TMW CHECKED: JMM CHECKED: JMM | PROFILE STA. 399+97.49 "S-4-A" TO STA. 404+00.00 "S-4-A" | |
| | | | | HORIZONTAL SCALE 1"=20' VERTICAL SCALE 1"=5' SURVEY BOOK N/A CONTRACT B-41845 | | BRIDGE FILE N/A DESIGNATION 1801933 SHEETS 45 of 151 PROJECT 1801933 |



Curve Data
 P.I. STA. 404+99.07 "S-4-A"
 $\Delta = 23^\circ 54' 02.45''$ Rt.
 T = 150.48'
 L = 296.59'
 R = 711.00'
 E = 15.75'
 S.E. = 3.4%

MATCHLINE 404+00.00 "S-4-A"

Note: All R/W descibed from Line "S-4-A" unless noted

| LEGEND | |
|---|---|
| (K) 165 #/SY OC/OA-HMA, 3, 70, SURFACE, 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON 6" OF COMPACTED AGGREGATE, NO. 53, ON SUBGRADE TREATMENT, TYPE IBC (OR AS NOTED) | (K) 165 #/SY OC/OA-HMA, 3, 70, SURFACE, 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON 6" OF COMPACTED AGGREGATE, NO. 53, ON SUBGRADE TREATMENT, TYPE IBC (OR AS NOTED) |
| (L) 6" PCCP FOR APPROACH ON DENSE GRADED SUBBASE ON SUBGRADE TREATMENT TYPE II | (A) HMA FOR APPROACHES 165 #/SY OC/OA-HMA, 3, 70, SURFACE 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON SUBGRADE TREATMENT TYPE ID |
| | (F) SIDEWALK, CONCRETE, 4" |

| | |
|--|--|
| (1) RAILING, PS-1 | (16) COMBINED CONCRETE CURB AND GUTTER, MODIFIED 2 SODDING (NURSERY) |
| (2) CONCRETE RAILING, FT | (26) SEED MIXTURE, U |
| (10) SAWCUT | (29) EROSION CONTROL BLANKET |
| (15) COMBINED CONCRETE CURB AND GUTTER, MODIFIED 1 | (70) MSE RETAINING WALL REINFORCED CONCRETE MOMENT SLAB, XX" |

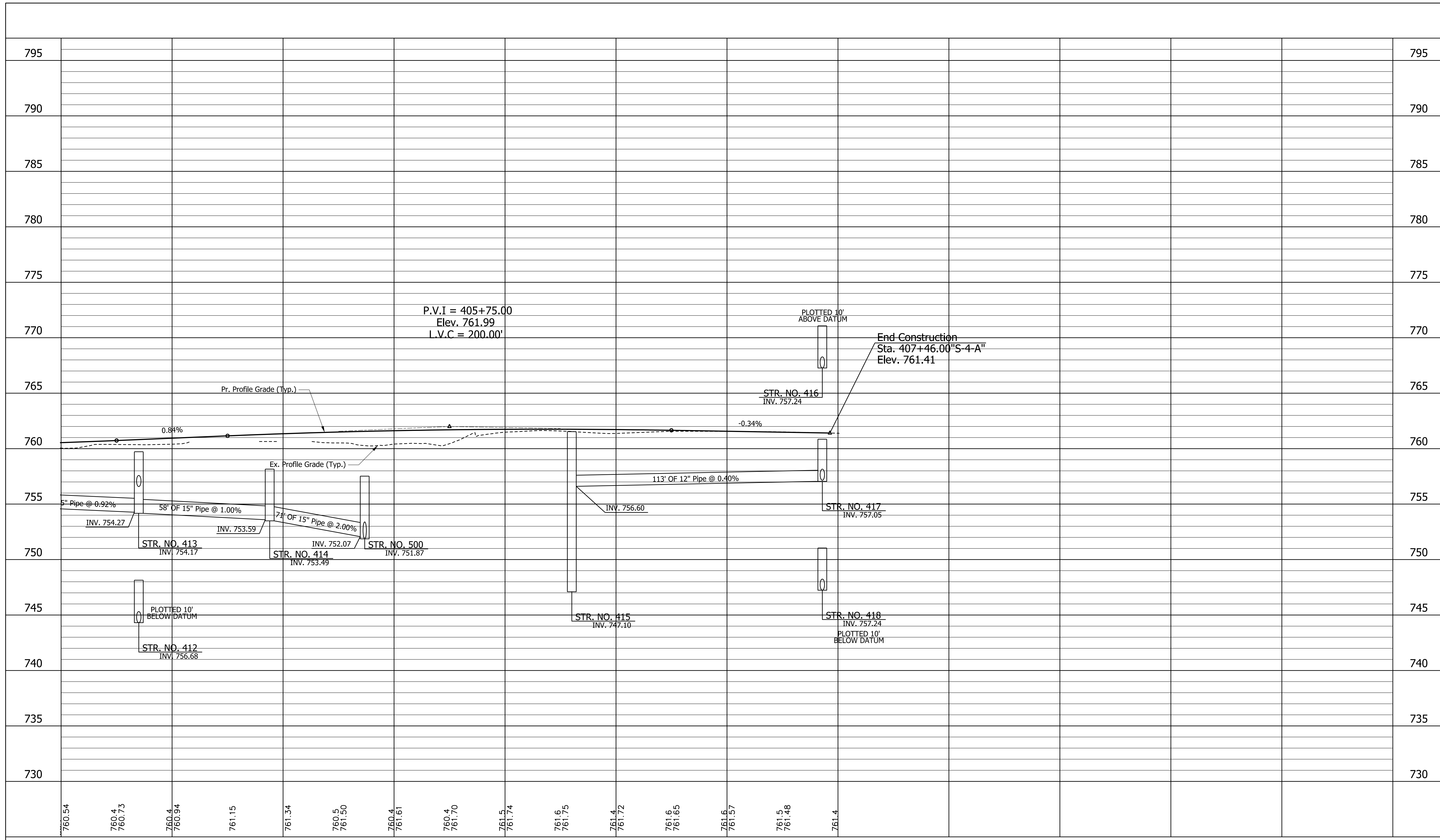
| RECOMMENDED FOR APPROVAL | | DESIGN ENGINEER | | DATE |
|--------------------------|--------------|-----------------|--|------|
| DESIGNED: MJS | DRAWN: MJS | | | |
| CHECKED: JMM | CHECKED: JMM | | | |

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN

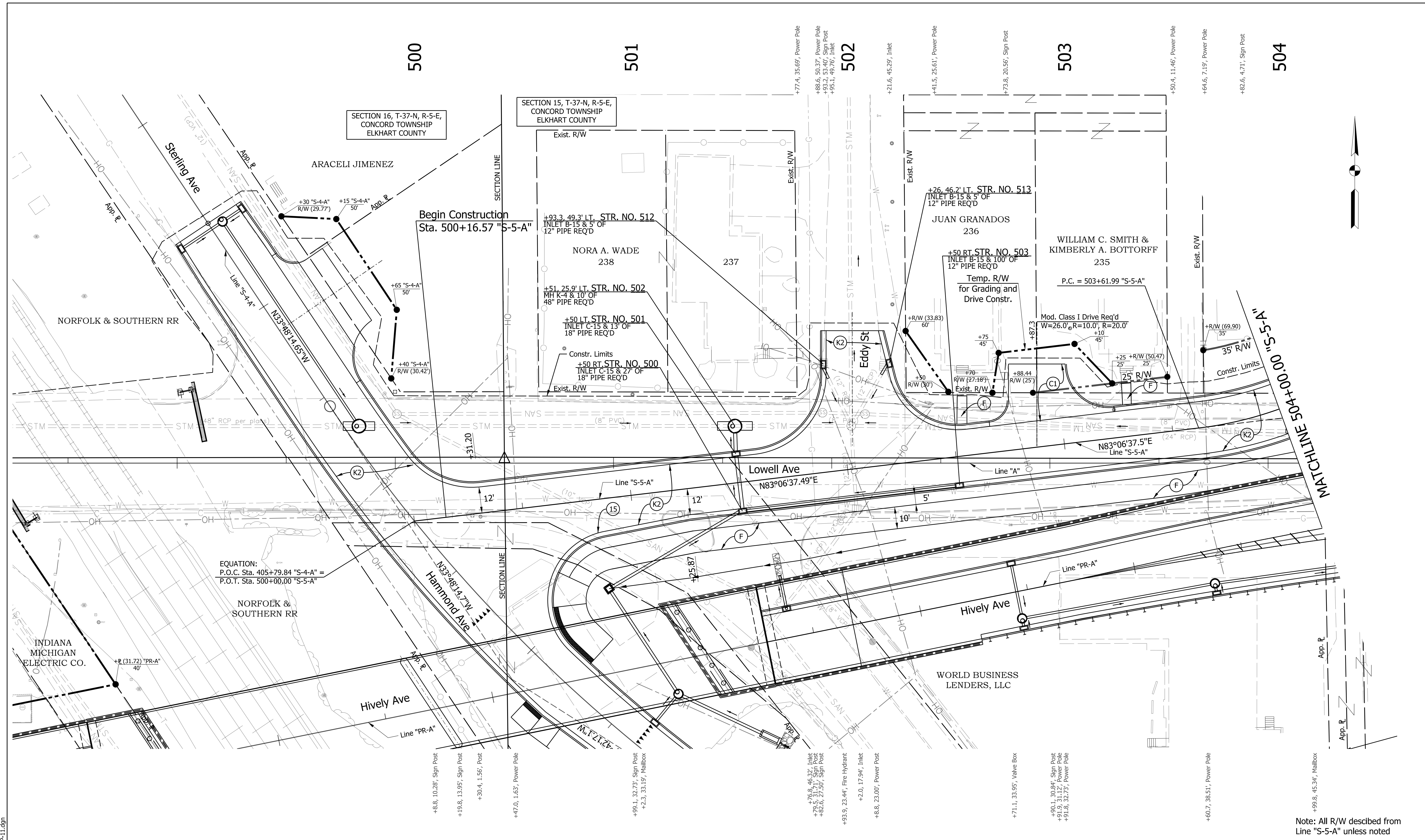
STA. 404+00.00 "S-4-A" TO STA. 410+30.00 "S-4-A"

| HORIZONTAL SCALE | BRIDGE FILE |
|------------------|-------------|
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1801933 |
| SURVEY BOOK | SHEETS |
| N/A | 46 of 151 |
| CONTRACT | PROJECT |
| B-41845 | 1801933 |



| | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|--------|--------|--|--------|---|------------------|-------------|--------|-----|----------------|-------------|-------|---------|-------------|--------|-----|-----------|----------|---------|---------|---------|
| 404+00 | 405+00 | 406+00 | 407+00 | 408+00 | 409+00 | 410+00 | | | | | | | | | | | | | | | | |
| RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____ DESIGNED: MJS DRAWN: TMW CHECKED: JMM CHECKED: JMM | | | | INDIANA DEPARTMENT OF TRANSPORTATION PROFILE STA. 406+00.00 "S-4-A" TO STA. 407+46.41 "S-4-A" | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE</td> <td>BRIDGE FILE</td> </tr> <tr> <td>1"=20'</td> <td>N/A</td> </tr> <tr> <td>VERTICAL SCALE</td> <td>DESIGNATION</td> </tr> <tr> <td>1"=5'</td> <td>1801933</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEETS</td> </tr> <tr> <td>N/A</td> <td>47 of 151</td> </tr> <tr> <td>CONTRACT</td> <td>PROJECT</td> </tr> <tr> <td>B-41845</td> <td>1801933</td> </tr> </table> | HORIZONTAL SCALE | BRIDGE FILE | 1"=20' | N/A | VERTICAL SCALE | DESIGNATION | 1"=5' | 1801933 | SURVEY BOOK | SHEETS | N/A | 47 of 151 | CONTRACT | PROJECT | B-41845 | 1801933 |
| HORIZONTAL SCALE | BRIDGE FILE | | | | | | | | | | | | | | | | | | | | | |
| 1"=20' | N/A | | | | | | | | | | | | | | | | | | | | | |
| VERTICAL SCALE | DESIGNATION | | | | | | | | | | | | | | | | | | | | | |
| 1"=5' | 1801933 | | | | | | | | | | | | | | | | | | | | | |
| SURVEY BOOK | SHEETS | | | | | | | | | | | | | | | | | | | | | |
| N/A | 47 of 151 | | | | | | | | | | | | | | | | | | | | | |
| CONTRACT | PROJECT | | | | | | | | | | | | | | | | | | | | | |
| B-41845 | 1801933 | | | | | | | | | | | | | | | | | | | | | |

c:\users\smithm\dms02572\Profile-10.dgn



EQUATION:
P.O.C. Sta. 405+79.84 "S-4-A" =
P.O.T. Sta. 500+00.00 "S-5-A"

Note: All R/W described from Line "S-5-A" unless noted

LEGEND

| | |
|---|--|
| (K1) 165 #/SY OC/OA-HMA, 3, 70, SURFACE, 9.5 mm ON | (K2) 165 #/SY OC/OA-HMA, 3, 70, SURFACE, 9.5 mm ON |
| 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON | 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON |
| 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON | 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON |
| 300 #/SY OC/OA-HMA, 4, 76, INTERM., 06 19.0 mm ON | 6" OF COMPACTED AGGREGATE, NO. 53, ON |
| 6" OF COMPACTED AGGREGATE, NO. 53, ON | GEOTEXTILE FOR SUBGRADE, TYPE 2B, ON |
| 6" PCCP FOR APPROACH ON DENSE GRADED SUBBASE ON | SUBGRADE TREATMENT, TYPE IBC (OR AS NOTED) |
| (L) 6" PCCP FOR APPROACH ON DENSE GRADED SUBBASE ON | SUBGRADE TREATMENT TYPE II |

| | |
|--|--|
| (A) HMA FOR APPROACHES | (B) 9" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON |
| 165 #/SY OC/OA-HMA, 3, 70, SURFACE 9.5 mm ON | 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON |
| 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON | 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON |
| 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON | SUBGRADE TREATMENT TYPE II |
| (F) SIDEWALK, CONCRETE, 4" | |

| | |
|--|--|
| (1) RAILING, PS-1 | (16) COMBINED CONCRETE CURB AND GUTTER, MODIFIED 2 |
| (2) CONCRETE RAILING, FT | (26) SODDING (NURSERY) |
| (10) SAWCUT | (29) SEED MIXTURE, U |
| (15) COMBINED CONCRETE CURB AND GUTTER, MODIFIED 1 | (30) EROSION CONTROL BLANKET |
| | (70) MSE RETAINING WALL REINFORCED CONCRETE MOMENT SLAB, XX" |

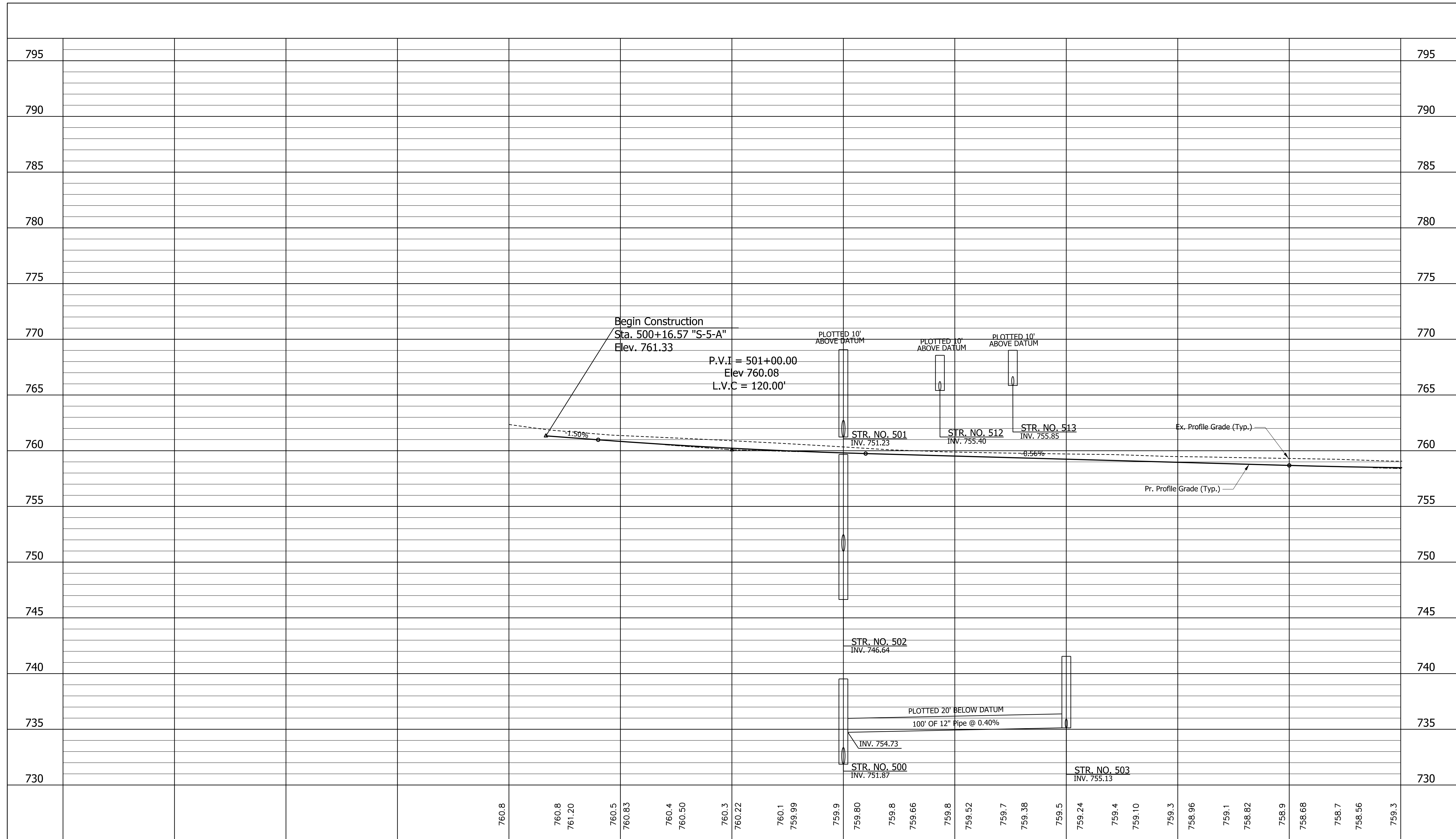
| | | |
|--------------------------|-----------------|------|
| RECOMMENDED FOR APPROVAL | DESIGN ENGINEER | DATE |
| DESIGNED: MJS | DRAWN: MJS | |
| CHECKED: JMM | CHECKED: JMM | |

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN

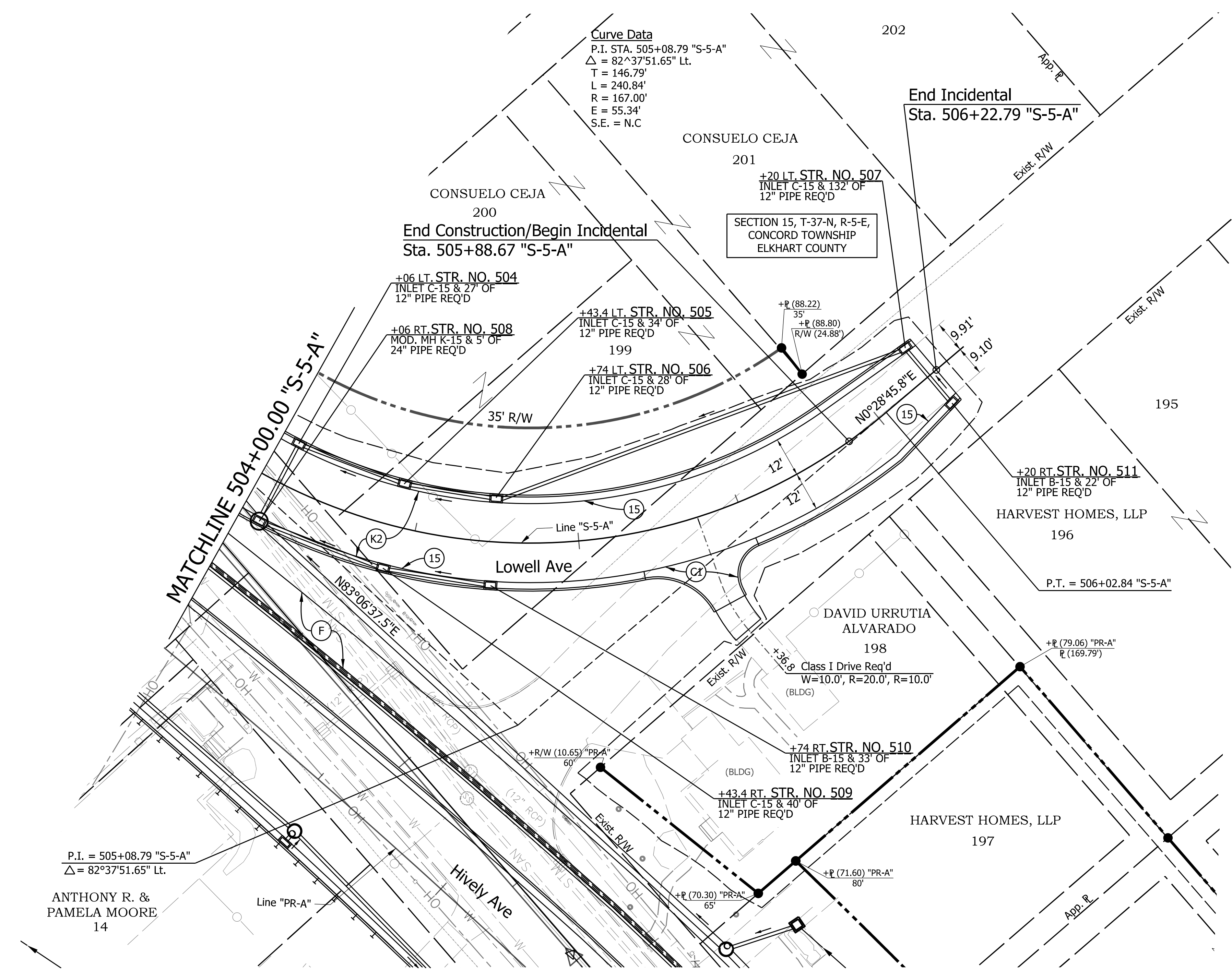
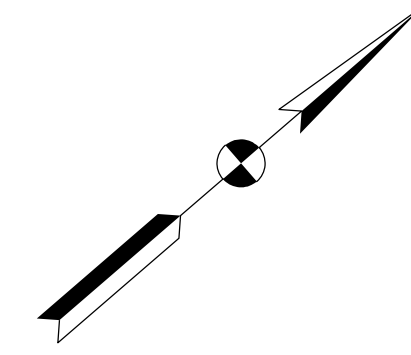
STA. 500+00.00 "S-5-A" TO STA. 504+00.00 "S-5-A"

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1801933 |
| SURVEY BOOK | SHEETS |
| N/A | 48 of 151 |
| CONTRACT | PROJECT |
| B-41845 | 1801933 |



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-------|--------|-------|--------|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|-------|--------|-------|--------|-------|--|--|--|
| 760.8 | 760.8 761.20 | 760.5 760.83 | 760.4 760.50 | 760.3 760.22 | 760.1 759.99 | 759.9 | 759.80 | 759.8 | 759.66 | 759.8 | 759.52 | 759.7 | 759.38 | 759.5 | 759.24 | 759.4 | 759.10 | 759.3 | 758.96 | 759.1 | 758.82 | 758.9 | 758.68 | 758.7 | 758.56 | 759.3 | | | |
| 500+00 | | | | | | | | | | 501+00 | | | | | 502+00 | | | | | 503+00 | | | | | 504+00 | | | | |

| | | | | | | |
|---|---|------------|---|--|----------------------------|------------------------|
| RECOMMENDED FOR APPROVAL _____ DESIGNED: MJS CHECKED: JMM | DESIGN ENGINEER _____ DRAWN: TMW CHECKED: JMM | DATE _____ | INDIANA DEPARTMENT OF TRANSPORTATION | | HORIZONTAL SCALE 1"=20' | BRIDGE FILE N/A |
| | | | PROFILE STA. 500+00.00 "S-5-A" TO STA. 504+00.00 "S-5-A" | | VERTICAL SCALE 1"=5' | DESIGNATION 1801933 |
| | | | | | SURVEY BOOK N/A | SHEETS 49 of 151 |
| | | | | | CONTRACT B-41845 | PROJECT 1801933 |



Curve Data
 P.I. STA. 505+08.79 "S-5-A"
 $\Delta = 82^\circ 37' 51.65''$ Lt.
 T = 146.79'
 L = 240.84'
 R = 167.00'
 E = 55.34'
 S.E. = N.C

SECTION 15, T-37-N, R-5-E,
 CONCORD TOWNSHIP
 ELKHART COUNTY

P.I. = 505+08.79 "S-5-A"
 $\Delta = 82^\circ 37' 51.65''$ Lt.
 ANTHONY R. &
 PAMELA MOORE
 14

Note: All R/W descibed from
 Line "S-5-A" unless noted

LEGEND

| | |
|--|--|
| (K1) 165 #/SY OC/OA-HMA, 3, 70, SURFACE, 9.5 mm ON | (K2) 165 #/SY OC/OA-HMA, 3, 70, SURFACE, 9.5 mm ON |
| 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON | 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON |
| 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON | 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON |
| 300 #/SY OC/OA-HMA, 4, 76, INTERM., 0g 19.0 mm ON | 6" OF COMPACTED AGGREGATE, NO. 53, ON |
| 6" OF COMPACTED AGGREGATE, NO. 53, ON | SUBGRADE TREATMENT, TYPE IBC (OR AS NOTED) |
| GEOTEXTILE FOR SUBGRADE, TYPE 2B, ON | |
| SUBGRADE TREATMENT, TYPE IBC (OR AS NOTED) | (A) HMA FOR APPROACHES |
| | 165 #/SY OC/OA-HMA, 3, 70, SURFACE 9.5 mm ON |
| | 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON |
| | 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON |
| | SUBGRADE TREATMENT TYPE ID |
| (L) 6" PCCP FOR APPROACH ON | (F) SIDEWALK, CONCRETE, 4" |
| DENSE GRADED SUBBASE ON | |
| SUBGRADE TREATMENT TYPE II | |

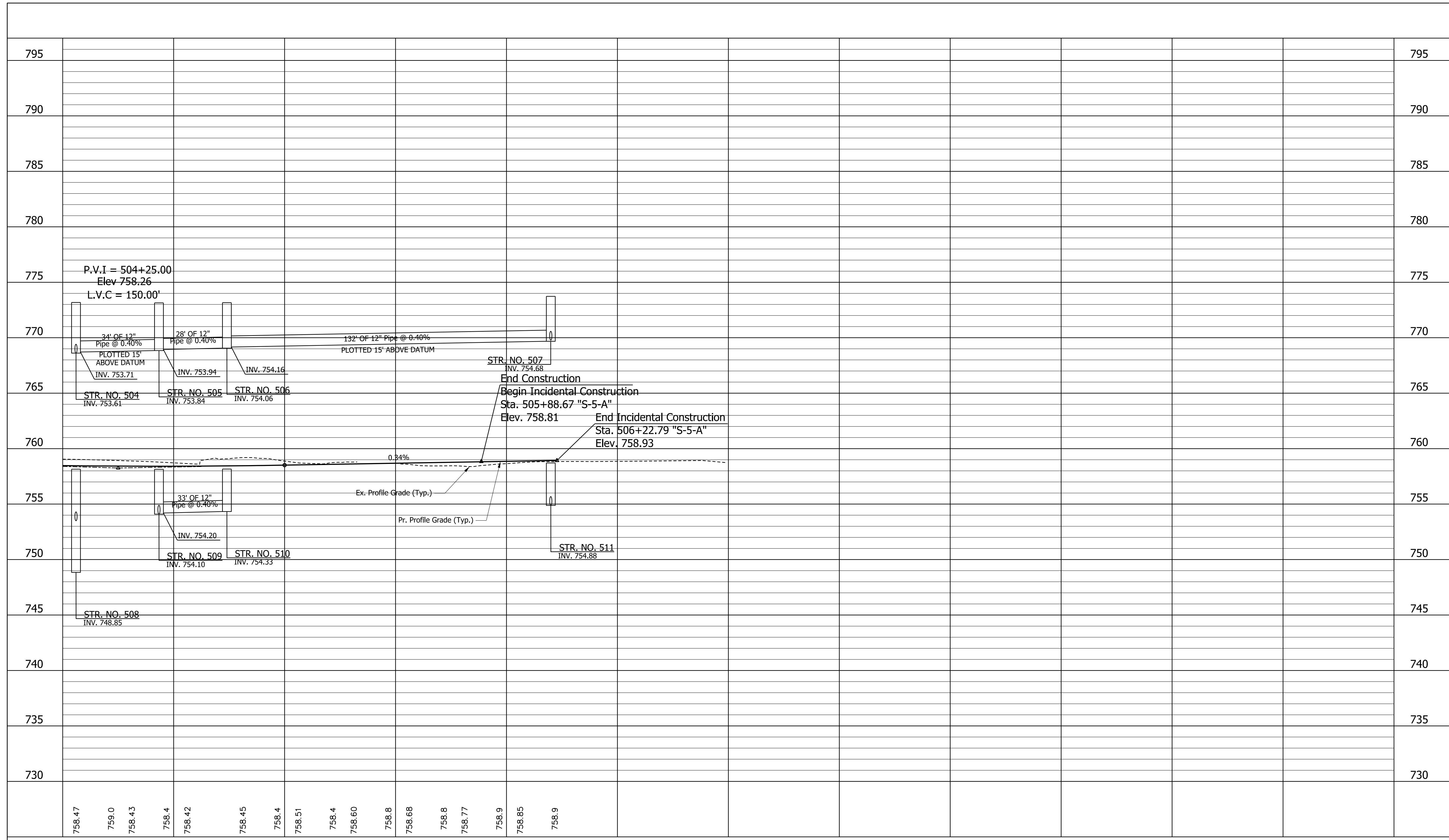
| | |
|-----------------------------|------------------------------|
| (2) 9" PCCP FOR APPROACH ON | (16) COMBINED CONCRETE CURB |
| DENSE GRADED SUBBASE, ON | AND GUTTER, MODIFIED 2 |
| GEOGRID TYPE 1B, ON | SODDING (NURSERY) |
| SUBGRADE TREATMENT TYPE II | (26) SEED MIXTURE, U |
| (1) RAILING, PS-1 | (29) EROSION CONTROL BLANKET |
| (2) CONCRETE RAILING, FT | (70) MSE RETAINING WALL |
| (10) SAWCUT | REINFORCED CONCRETE |
| (15) COMBINED CONCRETE CURB | MOMENT SLAB, XX" |
| AND GUTTER, MODIFIED 1 | |

| | | |
|--------------------------|-----------------|------|
| RECOMMENDED FOR APPROVAL | DESIGN ENGINEER | DATE |
| DESIGNED: MJS | DRAWN: MJS | |
| CHECKED: JMM | CHECKED: JMM | |

| | | |
|--|--|--|
| INDIANA DEPARTMENT OF TRANSPORTATION | | |
| PLAN | | |
| STA. 504+00.00 "S-5-A" TO STA. 507+16.36 "S-5-A" | | |

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1801933 |
| SURVEY BOOK | SHEETS |
| N/A | 50 of 151 |
| CONTRACT | PROJECT |
| B-41845 | 1801933 |

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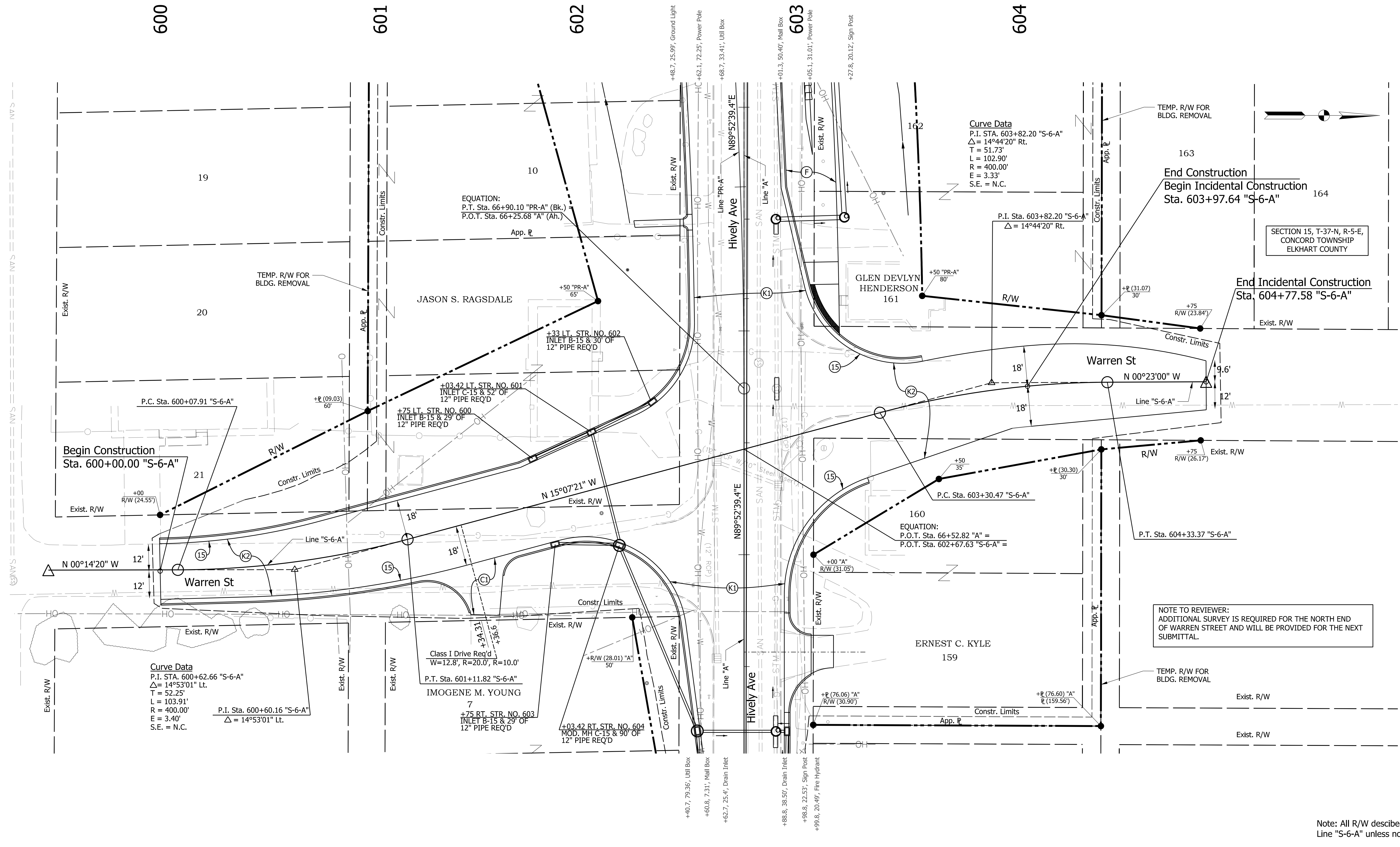


| | | | | | | | | | | | | | | | | |
|--------|-------|--------|-------|--------|--------|-------|--------|--------|--------|-------|--------|--------|--------|-------|--------|-------|
| 758.47 | 759.0 | 758.43 | 758.4 | 758.42 | 758.45 | 758.4 | 758.51 | 758.4 | 758.60 | 758.8 | 758.68 | 758.8 | 758.77 | 758.9 | 758.85 | 758.9 |
| 504+00 | | | | 505+00 | | | | 506+00 | | | | 507+00 | | | | |

RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE _____
 DESIGNED: MJS DRAWN: TMW
 CHECKED: JMM CHECKED: JMM

INDIANA
 DEPARTMENT OF TRANSPORTATION
 PROFILE
 STA. 504+00.00 "S-5-A" TO STA. 506+22.79 "S-5-A"

| | |
|----------------------------|------------------------|
| HORIZONTAL SCALE 1"=20' | BRIDGE FILE N/A |
| VERTICAL SCALE 1"=5' | DESIGNATION 1801933 |
| SURVEY BOOK N/A | SHEETS 51 of 151 |
| CONTRACT B-41845 | PROJECT 1801933 |



Curve Data
 P.I. STA. 603+82.20 "S-6-A"
 $\Delta = 14^\circ 44' 20''$ Rt.
 T = 51.73'
 L = 102.90'
 R = 400.00'
 E = 3.33'
 S.E. = N.C.

Curve Data
 P.I. STA. 600+62.66 "S-6-A"
 $\Delta = 14^\circ 53' 01''$ Lt.
 T = 52.25'
 L = 103.91'
 R = 400.00'
 E = 3.40'
 S.E. = N.C.

Class I Drive Req'd
 W=12.8', R=20.0', R=10.0'
 P.T. Sta. 601+11.82 "S-6-A"
 IMOGENE M. YOUNG

NOTE TO REVIEWER:
 ADDITIONAL SURVEY IS REQUIRED FOR THE NORTH END OF WARREN STREET AND WILL BE PROVIDED FOR THE NEXT SUBMITTAL.

SECTION 15, T-37-N, R-5-E,
 CONCORD TOWNSHIP
 ELKHART COUNTY

Note: All R/W described from Line "S-6-A" unless noted

LEGEND

| | |
|--|--|
| (K1) 165 #/SY OC/OA-HMA, 3, 70, SURFACE, 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON 300 #/SY OC/OA-HMA, 4, 76, INTERM., 0c 19.0 mm ON 6" OF COMPACTED AGGREGATE, NO. 53, ON SUBGRADE TREATMENT, TYPE 2B, ON SUBGRADE TREATMENT, TYPE IBC (OR AS NOTED) | (K2) 165 #/SY OC/OA-HMA, 3, 70, SURFACE, 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON 6" OF COMPACTED AGGREGATE, NO. 53, ON SUBGRADE TREATMENT, TYPE IBC (OR AS NOTED) |
| (L) 6" PCCP FOR APPROACH ON DENSE GRADED SUBBASE ON SUBGRADE TREATMENT TYPE II | (A) HMA FOR APPROACHES 165 #/SY OC/OA-HMA, 3, 70, SURFACE 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON SUBGRADE TREATMENT TYPE ID |
| (M) 9" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOGRID TYPE 1B, ON SUBGRADE TREATMENT TYPE II | (B) 165 #/SY OC/OA-HMA, 3, 70, SURFACE, 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON SUBGRADE TREATMENT TYPE II |
| (N) RAILING, PS-1 | (C) 9" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOGRID TYPE 1B, ON SUBGRADE TREATMENT TYPE II |
| (O) CONCRETE RAILING, FT | (D) 165 #/SY OC/OA-HMA, 3, 70, SURFACE, 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON SUBGRADE TREATMENT TYPE II |
| (P) SAWCUT | (E) 165 #/SY OC/OA-HMA, 3, 70, SURFACE, 9.5 mm ON 275 #/SY OC/OA-HMA, 3, 70, INTERM., 19.0 mm ON 330 #/SY OC/OA-HMA, 3, 64, BASE, 19.0 mm ON SUBGRADE TREATMENT TYPE II |
| (Q) COMBINED CONCRETE CURB AND GUTTER, MODIFIED 1 | (F) SIDEWALK, CONCRETE, 4" |
| (R) COMBINED CONCRETE CURB AND GUTTER, MODIFIED 2 (NURSERY) | |
| (S) SEED MIXTURE, U | |
| (T) EROSION CONTROL BLANKET | |
| (U) MSE RETAINING WALL REINFORCED CONCRETE MOMENT SLAB, XX" | |

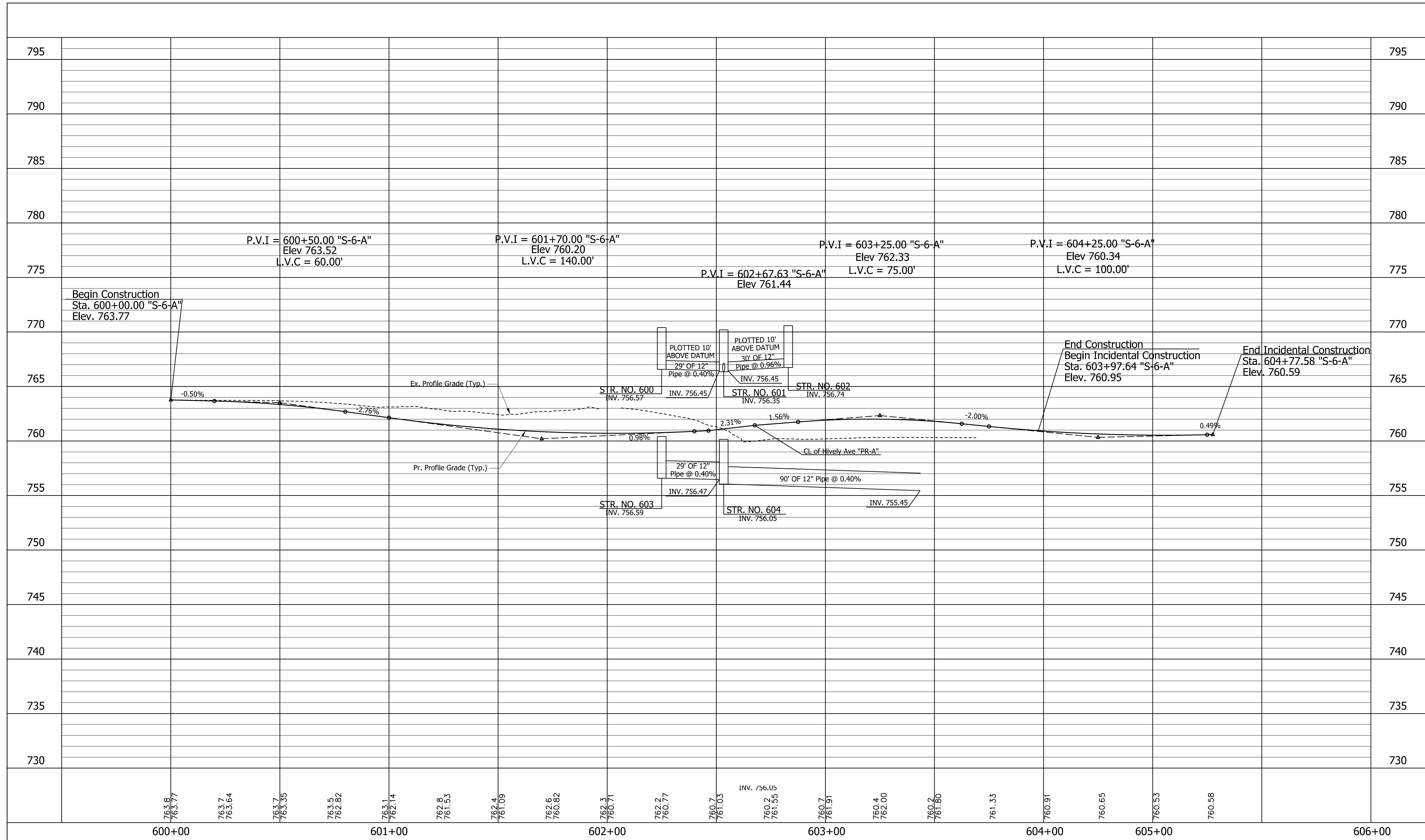
| | |
|---|--|
| (V) 9" PCCP FOR APPROACH ON DENSE GRADED SUBBASE, ON GEOGRID TYPE 1B, ON SUBGRADE TREATMENT TYPE II | (16) COMBINED CONCRETE CURB AND GUTTER, MODIFIED 2 (NURSERY) |
| (W) RAILING, PS-1 | (26) SEED MIXTURE, U |
| (X) CONCRETE RAILING, FT | (29) EROSION CONTROL BLANKET |
| (Y) SAWCUT | (30) MSE RETAINING WALL REINFORCED CONCRETE MOMENT SLAB, XX" |
| (Z) COMBINED CONCRETE CURB AND GUTTER, MODIFIED 1 | |

| | | |
|--------------------------|-----------------|------|
| RECOMMENDED FOR APPROVAL | DESIGN ENGINEER | DATE |
| DESIGNED: MJS | DRAWN: MJS | |
| CHECKED: JMM | CHECKED: JMM | |

INDIANA
 DEPARTMENT OF TRANSPORTATION

PLAN
 STA. 600+00.00 "S-6-A" TO STA. 604+77.54 "S-6-A"

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1801933 |
| SURVEY BOOK | SHEETS |
| N/A | 52 of 151 |
| CONTRACT | PROJECT |
| B-41845 | 1801933 |



| | | |
|--|--|---|
| <p>RECOMMENDED FOR APPROVAL _____</p> <p>DESIGNED: MJS DRAWN: TMW</p> <p>CHECKED: JMM CHECKED: JMM</p> | <p>INDIANA</p> <p>DEPARTMENT OF TRANSPORTATION</p> | <p>HORIZONTAL SCALE 1"=20'</p> <p>VERTICAL SCALE 1"=5'</p> <p>SURVEY BOOK N/A</p> <p>CONTRACT B-41845</p> |
| <p>DESIGN ENGINEER _____ DATE _____</p> | <p>PROFILE</p> <p>STA. 600+00.00 "S-6-A" TO STA. 604+77.58 "S-6-A"</p> | <p>BRIDGE FILE N/A</p> <p>DESIGNATION 1801933</p> <p>SHEETS 53 of 151</p> <p>PROJECT 1801933</p> |